The Journal of the American Osteopathic Association

Index to Volume 64

This index is divided into an AUTHOR INDEX and a SUBJECT INDEX. Items indexed from the advertising pages are identified by monthly page numbers followed by the month in parenthesis. Monthly page numbers are continuous through each issue and appear in the text in lightface. Items indexed from the reader sections are identified by volume page numbers which are continued from month to month and which appear in the text in boldface. Inclusive pagination for reader pages by month is as follows:

Pages	Month	Year
1- 112	September	1964
113- 220	October	1964
221- 340	November	1964
341- 444	December	1964
445- 562	January	1965
563- 670	February	1965
671- 772	March	1965
773- 902	April	1965
903-1010	May	1965
1011-1114	June	1965
1115-1214	July	1965
1215-1320	August	1965

Included in the AUTHOR INDEX are entries arranged in alphabetical order for authors of original articles identified by an asterisk (*), reprinted articles identified by the letter "R," and articles from the Educational Supplement identified by the letters "OE." Also included are listings for authors of signed editorials (identified by the letter "E"), book reviews, and organizational material.

Authors of articles abstracted in the Current Literature section are listed in the Subject Index following all other entries under the letter "A."

Authors of reviewed books are listed in the Subject Index following all other entries under the letter "B."

Authors of abstracts published in the section, Current research: Abstracts from the 1965 Research Conference, published in the May 1965 issue, are listed in the Subject Index under the heading RESEARCH, OSTEOPATHIC.

The SUBJECT INDEX includes entries for all original and reprinted articles and for educational and organizational matter.

Editorials are listed alphabetically by title under the heading EDITORIALS. PRODUCT NEWS items are listed alphabetically under that heading. Under the heading, RESEARCH, OSTEOPATHIC are entries, alphabetically by author, for abstracts published in the section, Current research: Abstracts from the 1965 Research Conference, in the May 1965 issue.

Entries for articles abstracted in the Current Literature section follow all other entries under the letter "A," and those for books reviewed follow all other entries under the letter "B."

Author index

Included in the author index are entries arranged in alphabetical order for authors of original articles identified by an asterisk (*), reprinted articles identified by the letter "R," and articles from the Educational Supplement identified by the letters "OE." Also included are listings for authors of signed editorials (identified by the letter "E"), book reviews, and organizational material.

Arends, Norman W.: See Canaday, Jean H., jt. author
Auerbach, Aline A.: Meeting the needs of new mothers, 250 (Aug.)-R
Bailey, Wilson P.: The use of microbilirubin levels to determine the need for exchange transfusion in the newborn, 963*
Bennett, Gerald D.: A study of serum lipids and proteins in immune states and arteriosclerosis, 717*
Bonier, Albert: See Silverman, David, jt. author
Boone, Harry F.: Vim-Silverman needle biopsy of bone marrow, 498*
Boudette, W. V.: Roentgen study of the soft tissues of pregnancy, 596*
Bradford, Spencer G.: Role of osteopathic manipulative therapy in emotional disorders: A physiologic hypothesis, 484*
Brigham, Fleda M.: Book reviews, 209, 330, 443, 663, 762, 1002, 1299
Brown, Gary: See Silverman, David, jt. author
Bunce, D. F. M. II: Formation of the intima in arteries, 1089-R
Burchett, Gail D.: The augmentor effect of the sympathetic innervation of the heart, 1038*
Button, Jennie Tripsin, and Cole, W. V.: Treatment of emotional disturbances in clinic patients, 812*
Caleel, Richard T., and Sheets, J. Donald: The diagnosis and treatment of primary epidermoid carcinoma of the vagina, 131*
Canaday, Jean H., and Arends, Norman W.: An analysis of 965 tumors seen in patients below age 15, 15; Part II: Benign neoplasms, 149, 289*
Celander, D. R., Celander, Evelyn, and Martin, C. G.: Anticoagulant therapy—boon or bane?, 359*
Celander, Evelyn: See Celander, D. R., jt. author
Chace, John A.: See Korr, Irvin M., jt. author
Chapman, J. Dudley: Clinical experience with transbuccal Pitocin, 137*
Chenoweth, Alice D.: Perinatal mortality in the United States, 372*
Christensen, Aaron W.: Achieving the nation's health potential, 233*
Cole, W. V.: See Button, Jennie Tripsin, jt. author
Colvin, George L.: Cervical cancer: Ten-year statistical analysis, 1227*
Coretti, James H., and Wiersma, Jay A.: Vitallium patelloplasty in patellar chondromalacia, 164*
Cowin, Ruth: Social factors in treating burned children, 256 (June)-R
Davis, George E.: See Goldstein, Hyman, jt. author
Del Marco, Charles J.: Gastric hypothermia, 36*
DeVito, Salvadore J.: Multiple sclerosis: A new approach to therapy, 252*
Dick, Lillian S., and Grant, Marie D.: The nurse's role in rehabilitation of the child with rheumatic fever, 305 (Oct.)-R
Dressler, Otterbein: Commercial clinical laboratories: Pros and cons, 1118-E
Dubin, Alvin D.: Present-day management of carcinoma of the larynx, 170*
Dunn, Halbert L.: A positive view of aging asks much of education, 81-R
Dunnington, Wesley P.: A musculoskeletal stress pattern: Observations from over 50 years' clinical experience, 366*
Evans, Herbert E.: Pioneering in a new world, 622*
Farrow, Charles D., Jr., and Lacquet, L. K.: Mediastinoscopy: A new diagnostic modality, 702*
Fetzer, John A.: Surgical treatment of aortic aneurysm, 705*
Finer, J. Arnold: Familial exogenous obesity complicated by nonfilarial scrotal elephantiasis: case history, 620*
Frazier, Todd M.: See Goldstein, Hyman, jt. author
Freitag, Julia L.: Treatment of chronic typhoid carriers by cholecystectomy, 316 (Oct.)-R
Galdston, Iago: Prometheus and the gods—an essay on ecology, 739-R
Goldberg, Irving: See Goldstein, Hyman, jt. author
Golden, A. A.: Book reviews, 210, 330, 443
Goldstein, Hyman, Goldberg, Irving D., Frazier, Todd M., and Davis, George E.: Cigarette smoking and prematurity, 541-R
Grant, Marie D.: See Dick, Lillian S., jt. author
Gray, Melvin: Principles of the comprehensive examination, 637-R
Grigg, E. R. N.: Age, biology and carcinoma, 1275-R
Hagen, Douglas P.: A roentgenographic evaluation of the lumbar spine and pelvis: the lateral projection, 1030*
—A continuing roentgenographic study of rural school children over a 15-year period; the lumbosacral angle, 1163*
Halin, Lewis: Hyperplastic cholecystoses, 381*
Heyman, Albert S.: See Pertschuk, Louis P., jt. author
Himes, George E.: Absorbed radiation dose and excretion of cesium-131 in humans, 724*
—Worth, Leonard V., and Smith, Robert M.: Cesium-131 uptake and distribution in the human heart: An analysis of cardiac scans in 104 patients, 575*
Hiscock, Robert A.: The lower esophagus, 1046*
Hoffman, G. M., McDougal, J. L., Voss, W. H., and Katzowitz, A. L.: Use of the Crosby-Kugler intestinal biopsy capsule: Case reports, 1238*
Hohn, Gerald J.: Review and presentation of an interesting case of cystic hygroma, 1175*
Holubec, Helen: Book reviews, 761
Honig, Albert M.: The management of aggression in schizophrenia, 1051*
Horty, John F.: Survey of hospital law, 286 (Nov.)-R
Judge, James M.: Fever in the pediatric patient, 1172*
Kaftan, Sheldon N.: Evaluation of the criteria for electrocardiograph diagnosis of left ventricular hypertrophy: Autopsy findings, 494*
Kane, Jane: Book reviews, 1208
Kani, E. E., and Williams, T. A.: Adenomatous polyps of the colon, 238*
Katzowitz, A. L.: See Hoffman, G. M., jt. author
Kawahata, Aikoh: See Thomas, P. E., jt. author
Kennedy, Harold W.: Legal aspects of air pollution control, 251 (May)-R
Kline, Charles A.: Acute leukemia in infancy and childhood, 266*
Kline, John A.: Congenital acromicria and related aneuploid diseases, leukemias, and malignant neoplasia—a hypothesis, 1147*
Korr, Irvin M.: Book reviews, 102, 661
—Wright, Harry M., and Chace, John A.: Cutaneous patterns of sympathetic activity in clinical abnormalities of the musculoskeletal system, 1191-R
Lacquet, L. K.: See Farrow, Charles D., Jr., jt. author
Landis, Martin S.: Renal roentgenology: Relation of renal size to hypertension, 1063*
Lippman, Paul A.: The hidden dangers of intrauterine contraceptive devices, 1059*
Littauer, David: Legal problems facing modern hospitals, 277 (Feb.)-R
Lundy, John S.: Addiction to drugs by medical and paramedical personnel, 591*
Maga, John A.: Resume of work in air pollution control, 247 (July)-R
Marks, Geoffrey: Economics and the practicing physician, 69, 179, 295, 407, 531, 627, 729, 863, 967, 1077, 1181, 1263
Martin, C. G.: See Celander, D. R., jt. author
Martin, Gustav J.: Biological relativity, 1069*
Matthews, James G.: Controlled rhythm: A preliminary report, 30*
McDougal, J. L.: See Hoffman, G. M., jt. author
Mercer, Richard H.: Intestinal obstruction in the newborn due to malrotation, mesenteric volvulus, and congenital duodenal bands: A case report, 142*
Mills, Lawrence W.: Osteopathic education, 505-OE
Mohler, Nelson E.: Book reviews, 1207
Nelson, Harry Lee: Observations of the opposite side in cerebral arteriography, 1127*
Northup, George W.: Osteopathic medicine, a medical reformation, 787*
Ogilvie, Charles D.: The place of radioisotope blood volume studies in clinical medicine, 457*
Pearson, H. Dale: Advisory Board for Osteopathic Specialists, 817
Pennell, Maryland Y.: Statistics on physicians, 1950-63, 189-R
Pertschuk, Louis P., and Heyman, Albert S.: The physician's responsibility in "hopeless cases," 618*
Popper, Max: Unintentional intravascular injection of penicillin, 300 (Oct.)-R
Prior, Joseph E.: A review of 5 years' experience with preanesthetic medication in general surgical and obstetric practice, 280*
Rappel, Robert: Volvulus of the stomach: Case report, 125*
Ratner, Herbert Albert: William Harvey, M.D.: modern or ancient scientist? 873-R
Rente, F. W.: Book reviews, 1001, 1103, 1208
Roemer, Milton I.: Current problems in medical care, 283 (Jan.)-R
Rosenbaum, Robert R.: Radiation therapy of malignant lymphoma with special reference to place of lymphangiography in management, 683*
Rothman, Irwin: Book reviews, 102, 211, 331, 895, 1103
Rutherford, John L.: Neonatal meningitis: Review of the literature and case presentation, 63*
Sadusk, Joseph F., Jr.: The relationship of the Food and Drug Administration to the practice of medicine and the aminopyrine-dipyrone problem, 977-R
Scheurer, George H.: The clinical electroencephalogram and intracranial tumors, 44*
Schwartz, J. Irving: Hemorrhoidectomy without pain, 397*
Scolnick, Herbert A.: The nullipara breech: An evaluation of methods of delivery, 614*
Scott, Jerry W.: Some roentgen aspects of pulmonary histoplasmosis, 23*
Sheets, J. Donald: See Caleel, Richard T., jt. author
Shelby, Robert W.: Pulmonary Wegener's granulomatosis mistaken for tuberculosis: A case report, 1249*
Shimkin, Michael S.: The numerical method in therapeutic medicine, 305-R
Silverman, David, Bonier, Albert, and Brown, Gary: Primary sarcoidosis of the stomach, 50*
Skillman, Joanne S.: Irritability of newborn infants: effect of diuretics administered during last trimester of pregnancy, 712*
Smith, Robert M.: See Himes, George E., jt. author
Staab, Richard C., and Stoever, W. W.: Primary pulmonary eosinophilic granuloma (histiocytosis X), 608*
Stein, Murray: Legislation on water pollution control, 254 (Feb.)-R
Steinkamp, Ruth C.: Simple clinical method developed to estimate body fat, 287 (April)-R
Stoever, W. W.: See Staab, Richard C., jt. author
Strong, Leonard V.: Book reviews, 210, 329
Szwed, Thomas J.: A statistical survey of peptic ulcer, 1258*
Thomas, P. E., and Kawahata, Aikoh: Neural factors underlying variations in electrical resistance of apparently nonsweating skin, 417-R

Thunen, Donald V.: See Waller, Julian A., jt. author
Todd, Carson: Book reviews, 102, 209, 761, 1103
Tucek, L. T.: Respiratory distress syndrome in relation to umbilical cord ligation, 403*
Tuckman, Jacob, and Youngman, William F.: Identifying suicide risk groups among attempted suicides, 309 (Sept.)-R
Tull, Thomas R.: Results in breech presentation: A 4-year survey, 259*
Ulbrich, A. P.: Contact dermatitis caused by plants, 1023*
Book reviews, 211, 762, 895, 1001, 1104, 1207, 1299
Vandervort, Paul G: A study of the relationship between the height of the fetal QRS complex and the month of pregnancy, 1143*
Venable, John H.: State planning for radiation control, 312 (Sept.)-R
Voss, W. H.: See Hoffman, G. M., jt. author
Waller, Julian A.: The medical profession and driver improvement, 319 (Sept.)-R
and Thunen, Donald V.: The physician's dilemma in the evaluation of medical handicaps to driving, 263 (Jan.)-R
Ward, Campbell A.: Presidential acceptance address: Our twofold task, 11*
Wells, Benjamin B.: Education for the modern health-service team, 353*
Wiersma, Jay A.: See Coretti, James H., jt. author
Wilkins, Frederick M.: New perspectives in the roentgen diagnosis of the acute abdomen, 795*
Willcox, Alanson W.: The role of law in public health, 275 (March)-R
Williams, T. A.: See Kani, E. E., jt. author
Wood, John P.: Major injuries in the region of the knee, with special reference to fractures of the upper tibia and lower femur, 958*
Worth, Leonard V.: See Himes, George E., jt. author
Wright, Harry M.: See Korr, Irvin M., jt. author
Wright, John M.: Basic principles of fracture treatment, 602*
Youngman, William F.: See Tuckman, Jacob, jt. author
Yurkon, Peggy Jones: A new formula for prediction of normal blood volume, 473*

Subject index

This index includes subject entries for all original and reprinted articles and for educational and organizational matter.

Editorials are listed alphabetically by title under the heading EDITORIALS. PRODUCT NEWS items are listed alphabetically under that heading. Under the heading RESEARCH, OSTEOPATHIC are entries, alphabetically by author, for abstracts published in the section, Current research: Abstracts from the 1965 Research Conference, in the May 1965 issue.

Entries for articles abstracted in the Current Literature section follow all other entries under the letter "A," and those for books reviewed follow all other entries under the letter "B."

A

ABDOMEN
See also Gallbladder; Intestines, etc.
acute, new perspectives in roentgen diagnosis of, [Wilkins] 795*
ABSTRACTS
Entries for articles abstracted in the Current Literature section, listed alphabetically by author under subject classifications, follow all entries under the letter "A."
ACCIDENTS
See also Automobiles; Firearms; Poisons and Poisoning; etc.
large accident toll among men at the working ages, 274 (Aug.)-R
ACID-BASE EQUILIBRIUM
See Fluids
ACROMICRIA
congenital, and related aneuploid diseases, leukemias, and malignant neoplasia; hypothesis, [Kline] 1147*
ADENOMA
See Tumors, adenoma
ADRENALIN
renal tubular influence in dogs, [Robb] 950*
AGE
See also Old Age
age, biology and carcinoma, [Grigg] 1275-R
clinical electroencephalogram and intracranial tumors, [Scheurer] 44*
expected rise in motor vehicle fatalities at ages 15-24, 295 (May)-R
males more vulnerable sex, 291 (May)-R
statistical survey of peptic ulcer, [Szwed] 1258*
AIR
pollution, legal aspects of control, [Kennedy] 251 (May)-R
pollution, résumé of work in control, [Maga] 247 (July)-R
AMERICAN OSTEOPATHIC ASSOCIATION
Advisory Board for Osteopathic Specialists, [Pearson] 817
boards of specialty certification: See Specialties; and under names of specific boards
By-laws, proposed amendments, [Eveleth] 915
convention: See Conventions and Meetings
membership: See Membership, A.O.A.
Office of Education, educational supplement, 503-OE
presidential acceptance address: Our twofold task, [Ward] 11*
AMERICAN OSTEOPATHIC BOARD OF ANESTHESIOLOGY
definition of specialty practice and requirements for certification, 829
AMERICAN OSTEOPATHIC BOARD OF DERMATOLOGY
definition of specialty practice and requirements for certification, 832
AMERICAN OSTEOPATHIC BOARD OF INTERNAL MEDICINE
definition of specialty practice and requirements for certification, 834
AMERICAN OSTEOPATHIC BOARD OF NEUROLOGY AND PSYCHIATRY
definition of specialty practice and requirements for certification, 836
AMERICAN OSTEOPATHIC BOARD OF OBSTETRICS AND GYNECOLOGY
definition of specialty practice and requirements for certification, 839
AMERICAN OSTEOPATHIC BOARD OF OPHTHALMOLOGY AND OTORHINOLARYNGOLOGY
definition of specialty practice and requirements for certification, 843
AMERICAN OSTEOPATHIC BOARD OF PATHOLOGY
definition of specialty practice and requirements for certification, 846
AMERICAN OSTEOPATHIC BOARD OF PEDIATRICS
definition of specialty practice and requirements for certification, 849
AMERICAN OSTEOPATHIC BOARD OF PHYSICAL MEDICINE AND REHABILITATION
definition of specialty practice and requirements for certification, 851
AMERICAN OSTEOPATHIC BOARD OF PROCTOLOGY
definition of specialty practice and requirements for certification, 853
AMERICAN OSTEOPATHIC BOARD OF RADIOLOGY
definition of specialty practice and requirements for certification, 855
AMERICAN OSTEOPATHIC BOARD OF SURGERY
definition of specialty practice and requirements for certification, 857
AMINOPYRINE
relationship of the Food and Drug Administration to the practice of medicine and the aminopyrine—dipyrone problem, [Sadusk] 977-R
ANESTHESIA
See also American Osteopathic Board of Anesthesiology
in gynecology and obstetrics, nullipara breech; evaluation of methods of delivery, [Scolnick] 614*
in gynecology and obstetrics, results in breech presentation; 4-year survey, [Tull] 259*
in gynecology and obstetrics, review of 5 years' experience with preanesthetic medication in, [Prior] 280*
premedication, review of 5 years' experience with, in general surgical and obstetric practice, [Prior] 280*
ANEUPLOIDY
See Chromosomes
ANEURYSM
aortic, surgical treatment, [Fetzer] 705*
carotid, observations of opposite side in cerebral arteriography, [Nelson] 1127*
ANGIOGRAPHY
See Brain, blood supply
ANIMALS
experimentation, design and evaluation of research program, [Moreland] 948*
ANTIBIOTICS
See also under names of antibiotics
fever in pediatric patient, [Judge] 1171*
ANTICOAGULANTS
See Blood, coagulation; and under names of anticoagulants, as Coumarin; Heparin; Indanedione Compounds
ANTIGENS AND ANTIBODIES
See Dermatitis, contact; Plants; Rhus toxicodendron
ANTIHISTAMINES
effects of selected antihistaminic solutions on limb regeneration and growth, [Miroyiannis and Hunter] 929*
ANXIETY NEUROSES: See Neuroses and Psychoneuroses
AORTA
aneurysm: See Aneurysm
APPLICATIONS FOR MEMBERSHIP
See Membership, A.O.A.
ARTERIES
formation of intima, [Bunce] 1089-R
ARTERIOGRAPHY
See Brain, blood supply
ARTERIOSCLEROSIS
cerebral, observations of opposite side in cerebral arteriography, [Nelson] 1127*
study of serum lipids and proteins in immune states and, [Bennett] 717*
ARTHRITIS
pilot study, [Gordon] 933*
ASPHYXIA
neonatorum, respiratory distress syndrome in relation to umbilical cord ligation, [Tucek] 403*
AUTOMOBILES
accidents, expected rise in motor vehicle fatalities at ages 15-24, 295 (May)-R
medical profession and driver improvement, [Waller] 319 (Sept.)-R
physician's dilemma in evaluation of medical handicaps to driving, [Waller and Thunen] 263 (Jan.)-R

ABSTRACTS

[Each abstract in the Current Literature section is entered here, alphabetically by authors under subject classifications.]

Alcoholism

Brigden, Wallace, and Robinson, John: Alcoholic heart disease, 753

Allergy

Arbesman, Carl E., and Reisman, Robert E: Hyposensitization therapy including repository, 91

Brown, Bobby C., Price, Eleanor V., and Moore, M. Brittain, Jr.: Penicilloyl-polylysine as an intradermal test of penicillin sensitivity, 427
Frazier, Claude A.: Allergic reactions to insect stings, 320
Sherman, William B.: Nonimmunologic factors in allergic diseases, 892

Anesthesiology

Lear, Erwin, Tangoren, Gulen, Chiron, Albert E., Pallin, Irving M., and Allen, Arthur: New phenoxyacetamide systemic anesthetic, 327
Markello, Ross, and King, Benton D.: Halothane-ether-air anesthesia, 986
Weaver, Daniel C.: Preventing aspiration deaths during anesthesia, 327

Cardiovascular disease

Azar, Gordon J.: The serum protein-bound iodine level in acute myocardial infarction, 1295
Beadenkopf, William G.: Another look at coronary heart disease epidemiology, 550
—Daoud, Assaad S., and Love, Blanche M.: Calcification in the coronary arteries and its relationship to arteriosclerosis and myocardial infarction, 426
Bellet, Samuel: Atrial fibrillation, 656
Blodgett, Randolph C., Jr., Anderson, Milton W., McGuckin, Warren F., and Fleischer, Gerard, A.: Glutamic oxaloacetic transaminase, 320
Brachfeld, Norman: Atypical angina pectoris: Diagnostic advances, 1294
Doan, Allen E., Peterson, Donald R., Blackmon, John R., and Bruce, Robert A.: Myocardial ischemia after maximal exercise in healthy men: a method for detecting potential coronary heart disease, 993
Eisenberg, Henry, Morrison, John T., Sullivan, Paul, and Foote, Franklin M.: Cerebrovascular accidents, 657
Ernst, C. B., Fry, W. J., Kraft, R. O., and De Weese, M. S.: The role of low molecular weight dextran in the management of venous thrombosis, 893
Gilman, Sid: Cerebral disorders after open-heart operations, 1295
Goldberg, Leon I., and Dorney, Edward R.: Treatment of shock following myocardial infarction; diverse actions of drugs used, 1099
Goldberg, W. M., and Chakrabarti, Siba G.: The relationship of dosage schedule to the blood level of quinidine, using all available quinidine preparations, 658
Hamilton, M., Thompson, E. N., and Wisniewski, T. K. M.: The role of blood-pressure control in preventing complications of hypertension, 95
Harrison, Michael T., and Gibb, Bryan H.: Electrocardiographic changes associated with a cerebrovascular accident, 657
Hecker, Sydney P.: Fibrinolytic therapy of thrombophlebitis, 202
Henderson, Robert R.: Pulmonary embolism and infarction, 754
Kilty, Stanley, and Lepeschkin, Eugene: Effect of body build on the QRS voltage of the electrocardiogram in normal men; its significance in the diagnosis of left ventricular hypertrophy, 993
Lemberg, L., Castellanos, A., Jr., Swenson, J., and Gosselin, A.: Arrhythmias related to cardioversion, 427
Lovell, R. R. H.: Some sequels to myocardial infarction and their treatment, 658
Manchester, Gary H., Block, Peter, and Gorlin, Richard: Misleading signs in mitral insufficiency, 992
Marriott, Henry J. L.: Diagnosis of cardiac dysrhythmias, 893
Master, Arthur M., and Geller, Arthur J.: Magnitude of silent coronary disease, 755
Menon, Sudhakaran I.: Electrocardiographic changes simulating myocardial infarction in cerebrovascular accident, 657
Morris, James J., Jr., Kong, Yihong, North, William C., and McIntosh, Henry D.: Experience with "cardioversion" of atrial fibrillation and flutter, 202
Mossberg, Sanford J.: Myocardial infarction-like syndrome in cholecystectomized patients given narcotics, 95
Murphy, Gerald W., Schreiner, Bernard F., Bleakley, Paul L., and Yu, Paul N.: Left ventricular performance following digitalization in patients with and without heart failure, 427
Nachlas, Marvin M., Siedband, Melvin P., and Bernstein, Philip: Experimental technic for improving the effectiveness of cardiac resuscitation, 1294
Reiner, Leopold: Mesenteric arterial insufficiency and abdominal angina, 754
Sambhi, M. P., Weil, M. H., Udhoji, V. N., and Rosoff, L.: Effect of pressor amines on cardiac output in patients with acute hypotension, 656
Sanger, Paul W., Taylor, Frederick H., Robicsek, Francis, and Tavana, Manoutscher: The "subclavian steal" syndrome, 755
Simonson, Ernst, Cady, Lee D., and LaRiviere, Joan E.: Normal redundancy in chest leads as basis for recognition of minor abnormalities, 992
Slodki, Sheldon J., and Bronsky, David: Serum proteins in cyanotic and acyanotic congenital heart disease, 320
Srivastava, S. C., and Robson, A. O.: Electrocardiographic abnormalities associated with subarachnoid haemorrhage, 657
Toyoshima, Hideo, Prinzmetal, Myron, Horiba, Maretsugo, Kobayashi, Toshiji, Mizuno, Yasushi, Nakayama, Ryu, and Yamada, Kazuo: The nature of normal and abnormal electrocardiograms: relation of ST segment and T wave changes to intracellular potentials, 1099
Winter, Arthur, and Stephans, George: Carotid artery occlusion, 95

Chest diseases

Christoforidis, Anthimos, J., Nelson, Sidney W., and Pratt, Philip C.: Bronchiolar dilatation associated with muscular hyperplasia, 326
Cochran, William D., Levison, Henry, Muirhead, Donald M., Jr., Wang, Catherine C. S., and Smith, Clement A.: A clinical trial of high oxygen pressure for the respiratory-distress syndrome, 1098
Forsyth, Ben R., Bloom, Henry H., Johnson, Karl M., and Chanock, Robert M.: Etiology of primary atypical pneumonia in a military population, 1292
Hepper, Norman G. G., and Hyatt, Robert E.: Office management of chronic bronchitis and emphysema, 325
Horwitz, H., Wright, Thomas L., Perry, Harold, and Barrett, Charles M.: "Suppressive" chemotherapy in bronchogenic carcinoma: A randomized prospective, 1291
Koelsche, Giles A., and Henderson, Lowell L.: Bronchial asthma—the acute attack, 326
Master, Arthur M.: The spectrum of anginal pain and noncardiac chest pain, 90
Miller, Jerome: A new pneumokinetic drug (Dimefline) in the treatment of bronchial asthma, 756
Onuigbo, Wilson I. B.: Lung cancer and shoulder pain, 90
Phillips, John Roberts: Removal of the carotid body for asthma and emphysema, 651
Reimann, Hobart, A.: Viral and mycoplasmal pneumonias, 325
Samter, Max: Bronchial asthma: Inventory and outlook, 1292
Wyatt, John P., and Fischer, Vernon W.: "Chronic obstructive lung disease"; syndrome of clinical expediency, 997

Dermatology

Ayres, Samuel III: Conservative surgical management of male pattern baldness, 757
Cawley, Edward P., Hsu, Y. T., and Weary, Peyton E.: The evaluation of neoplastic metastases to the skin, 318
Duggan, H. E.: Low dosage roentgen therapy of verrucae plantaris, 208
Gellin, Gerald A., Kopf, Alfred W., and Garfinkel, Lawrence: Basal cell epithelioma: a controlled study of associated factors, 986
Lowney, Edmund D., Witkowski, Joseph, Simons, Howard M., and Zagula, Zenona W. J.: Value of comedo extraction in treatment of acne vulgaris, 651
Rees, Rees B., Bennett, James H., Hamlin, Edwin M., and Maibach, Howard I.: Aminopterin for psoriasis, 892
Robinson, C. V.: Long-term therapy of acne with sulfadimethoxine, 207
Ronchese, Francesco: Nail in lichen planus, 1097
Strauss, John S., and Pochi, Peter E.: Effect of cylicoprogestin-estrogen therapy on sebum and acne in women, 987
Szymanski, Frederick, J.: The skin, the nervous system, and carcinomas, 987
Williamson, George S., and Jackson, Robert: Treatment of squamous cell carcinoma of the skin by electrodesiccation and curettage, 97

Gastroenterology

Brooks, John R., and Eraklis, Angelo J.: Factors affecting the mortality from peptic ulcer: the bleeding ulcer and ulcer in the aged, 985
Colcock, Bentley P.: Choice of operation for duodenal ulcer, 1295
Dragstedt, Lester R., Woodward, Edward R., Linares, Carlos A., and de la Rosa, Carlos, 985
Feldman, Shaul, Luttwak, Edmund M., and Carmon, Amiram: Acute neurogenic activation of chronic duodenal ulcers, 1206
Grimes, Orville F., and Farber, Seymour M.: The significance of the small hiatal hernia, 425
Henderson, R. D., and McPhedran, N. T.: A cheap, effective gastric cooling apparatus for the control of gastrointestinal hemorrhage, 323
Koch, James P., and Donaldson, Robert M., Jr.: A survey of food intolerances in hospitalized patients, 425
MacDougall, Iain P. M.: The cancer risk in ulcerative colitis, 894
Martin, Carolyn, and Kay, Saul: The prognosis of gastric carcinoma as related to its morphologic characteristics, 207
McEwen, Ernest G.: Some gastrointestinal manifestations of cardiovascular disease, 207
Mortimer, D. C., Reed, P. I., Vidinli, M., and Finlay, J. M.: The role of the upper gastrointestinal flora in the malabsorption syndrome, 98

Geriatrics

Cooper, Irvin S.: Cryogenic surgery in the geriatric patient, 318
Rigby, Marilyn W., Soule, Samuel D., Barber, William, and Rothman, David: Sex hormone replacement in the aged, 201

Hospitals

Ludlam, James E.: Medical staff privileges—legal snares for the hospital, 324

Immunity

Eckmann, L.: Active and passive tetanus immunization, 893
Hsu, Katharine H. K., Carreon, Anita T., Jeu, Fongee, and Jenkins, Daniel E.: Today's concept of the tuberculin test, 757

Internal medicine

Abelson, Denis M.: Insulin bodies and antibodies, 430
Addis, G. J., Thomson, W. S. T., and Welch, J. D.: Bicarbonate therapy in diabetic acidosis, 429
Arky, Ronald A., and Freinkel, Norbert: Alcohol hypoglycemia, 429
Boxall, E. A., Lauener, R. W., and McIntosh, H. W.: Atypical manifestations of hyperthyroidism, 321
Brierre, Joseph T., Jr., and Dickson, Larry G.: Clinically unsuspected thyroid disease, 205
Brunjes, Shannon: Catechol amine metabolism in essential hypertension, 430
Duke, Martin, Herbert, Victor D., and Abelmann, Walter H.: Hemodynamic effects of blood transfusion in chronic anemia, 997
Eisenstein, Albert B., and Tiglao, Constancio: Effect of endocrine therapy on nutritional status, 894
Hampers, Constantine L., Prager, David, and Senior, John R.: Post-transfusion anicteric hepatitis, 996
Hollinshead, W. Henry: The interphase of diabetes insipidus, 93
Keller, Dan F., and Hainline, Adrian, Jr.: The glucose tolerance test, 93

Lenczner, M., and Spaulding, W. B.: Pulmonary manifestations of parasitic infestations, 654
Palumbo, Pasquale J., Molnar, George D., and Tauxe, W. Newton: Adrenal steroid therapy in insulin resistance, 92
Popper, Hans, Rubin, Emanuel, Gardiol, Daniel, Schaffner, Fenton, and Paronetto, Fiorenzo: Drug-induced liver disease: a penalty for progress, 1202
Redeker, Allan G.: The problem of jaundice, 93
Roberts, H. J.: Afternoon glucose tolerance testing, 94
Sanders, Charles A., Levinson, Gilbert E., Abelmann, Walter H., and Freinkel, Norbert: Effect of exercise on the peripheral utilization of glucose in man, 92
Shambaugh, George E., Cirksena, Capt. William J., and Newcomer, Kermit L.: Carpal tunnel syndrome as manifestation of sarcoidosis, 756
Smith, Charley J.: Pitfalls in the diagnosis of gout, 757
Sun, David C. H.: Diagnostic tests for chronic pancreatic disease, 1100
Vigliani, Enrico C., and Saita, Giulio: Benzene and leukemia, 654
Weg, Capt. John G., Calverly, Capt. John R., and Johnson, Maj. Cone: Hypothyroidism and alveolar hypoventilation, 1298
Zollinger, Robert M., and Grant, George N.: Ulcerogenic tumor of the pancreas, 760

Neurology

Appelman, David H.: The pseudotabes syndrome in diabetes, 99
Brown, Howard A., and Brown, Barton A.: Neurological aspects of the spinal cord and column: lumbar intervertebral disk disease, 1203
Cooper, Irving S.: Effect of thalamic lesions upon torticollis, 203
Evans, John Grimley: Neurogenic intermittent claudication, 658
Hayden, John W.: Median neuropathy in the carpal tunnel caused by spontaneous intraneural hemorrhage, 319
Miller, Henry, and Stern, Gerald: The long-term prognosis of severe head injury, 1098
Olin, Harry S., and Weisman, Avery D.: Psychiatric misdiagnosis in early neurological disease, 203
Perlstein, M. A., and Hood, Philip N.: Etiology of postneonatally acquired cerebral palsy, 100

Obstetrics and gynecology

Astrachan, John M.: Severe psychologic disorders of the puerperium: a recommended approach for the clinical obstetrician, 996
Barclay, David L., Collins, Conrad G., and Macey, Harry B., Jr.: Cancer of the Bartholin gland, 327
Board, John A., and Borland, David S.: Endometrial effects of mestranol-norethindrone sequential therapy for oral contraception, 655
Bruni, J. R., and Holt, R. E.: Controlled double-blind evaluation of three analgesic medications for postpartum discomfort, 995
Chisholm, Morag, and Sharp, A. A.: Formimino-glutamic acid excretion in anaemia of pregnancy, 759
Dolgopol, Vera B., and Bobrow, Morris Lee: Cytological and histological study of keratinizing lesions of the cervix, 551
Fegan, W. G., Fitzgerald, D. E., and Beesley, W. H.: A modern approach to the injection treatment of varicose veins and its applications in pregnant patients, 758
Fox, Leon Parrish: Antenatal supervision, 432
Freier, A.: Pelvic neurectomy in gynecology, 891
Gillespie, W. A., Lennon, G. G., Linton, K. B., and Slade, N.: Prevention of urinary infection in gynecology, 655
Glynn, Martin Z., Murray, R. Richard, Esposito, John, Rubino, George, and Zarou, Donald: Elective induction of labor, 1203
Hudspeth, E. Rae, and Fandrich, Theodore S.: Relief of pain and control of length of labor with early spinal anesthesia and oxytocin, 759
Margulies, Lazar C.: Intrauterine contraception, 551
Pereyra, Armand J., and Lansing, J. Dee: Urogenital trichomoniasis, 431
Queenan, John T., and Adams, Daniel W.: Amniocentesis for prenatal diagnosis of erythroblastosis fetalis, 1298
Rendle-Short, John: Maternal rubella, 655
Rodbard, Simon, ed.: Hypertension—blood pressure and toxemia of pregnancy, 431
Rutherford, Robert N., Hougie, Cecil, Banks, A. Lawrence, and Coburn, W. A.: The effects of sex steroids and pregnancy on blood coagulation factors, 760
Shearman, Rodney P.: Ovarian function during and after long-term treatment with ovulation inhibitors, 655
Whalley, Peggy J., and Adams, Reuben H.: Tetracycline toxicity in pregnancy, 432

Of general interest

Ash, I., McKendrick, G. Donald W., Robertson, M. H., and Hughes, H. L.: Outbreak of typhoid fever connected with corned beef, 197
Bashe, Winslow J., Jr., Stegmiller, Howard, Leonida, Domingo, and Greenwald, Peter: Failure of polyvalent vaccine to provide clinical protection against Asian influenza, 88
Beasley, Robert W.: Shoulder-hand syndrome, 196
Bowen, Gerald E., and Kirsner, Joseph B.: The arthritis of ulcerative colitis and regional enteritis ("intestinal arthritis"), 1097
Code, Charles F., Hurn, Margaret M., and Mitchell, Ross G.: Histamine in human disease, 423
Colman, Arnold L.: The Valsalva maneuver: versatile clinical tool, 1291
Cook, G. C., and Sherlock, Sheila: Jaundice and its relation to therapeutic agents, 1097
Corn, David: The fat embolism syndrome, 749
Davignon, Lise F., Charest, G., and Tourangeau, F. J.: A study of the chronic effects of insecticides in man, 1202
Fenner, Harold A., Jr.: Football injuries and helmet design, 549
Frenkil, James: Preparation of medical reports for legal purposes, 1290
Garland, Joseph: "The proper study of mankind," 195
Greenwood, James Jr.: Optimum vitamin C intake as a factor in the preservation of disc integrity, 650
Groen, J. J.: Syndrome shift, 90
Halpern, Seymour Lionel, ed.: Symposium on recent advances in applied nutrition, symposium on obesity, 423
Handy, Vincent H.: The occurrence of oral cancer, 650
Hanson, John S., and Tabakin, Burton S.: Electrocardiographic telemetry in skiers, 89
Henderson, Donald A., Witte, John J., Morris, Leo, and Langmuir, Alexander D.: Paralytic disease associated with oral polio vaccines, 424
Lasagna, Louis: The diseases drugs cause, 317
Logan, J. E., and Haight, D. E.: An evaluation of some commercial test papers and tablets for the determination of glucose in urine, 550
MacLean, Lloyd D., Duff, John H., Scott, Hugh M., and Peretz, Dwight I.: Treatment of shock in man based on hemodynamic diagnosis, 983
Massell, Benedict F., Amezcua, Jacqueline, and Michael, J. Gabriel: Home cultures as an aid in the diagnosis of streptococcal respiratory infection, 549
Mayer, Jean: Genetic factors in human obesity, 1202
McAlpine, Douglas: The benign form of multiple sclerosis: results of a long-term study, 891
McDonald, John S., Laughlin, Donald E., and Bedell, George N.: Direct approach to evaluation of patients with acid-base imbalance, 89
McGuff, Paul E., Deterling, Ralph A., Gottlieb, Leonard S., Fahimi, H. Dariush, Bushnell, David, and Roeber, Fred: The laser treatment of experimental malignant tumours, 750
Mellin, Gilbert W., and Katzenstein, Michael: Increased incidence of malformations—chance or change?, 198
Melville, P. H., and Laxer, R. M.: Communication in illness, 196
Menguy, René, and Masters, Y. F.: Effects of aspirin on gastric mucous secretion, 982
Moore, Condict: Smoking and cancer of the mouth, pharynx and larynx, 984
Myerburg, Robert J., and Davis, Joseph H.: The medical ecology of public safety: sudden death due to coronary disease, 982
Nordsiek, Frederic: An epidemiological approach to obesity, 651
Rudolf, N. de M., and Forbes, H. A. W.: Sedentary leg pain, ischaemia from narrowing on hip flexion of femoral arteries stiffened by atheroma, 983
Schoen, Irwin, and Pizer, Marvin: Eosinophilia apparently related to cigarette smoking, 197
Seaton, D. A., and Duncan, L. J. P.: Treatment of "refractory obesity" with a diet of two meals per day, 650
Seltzer, Carl C., and Mayer, Jean: Body build and obesity—who are the obese?, 649
Shaw, Robert S.: Pathologic malingering, 88
Silberberg, Boris, and Rachmaninoff, Nikolai: Complications following external cardiac massage, 197
Simpson, George M., Kunz, Esther, and Slafta, Jean: Use of sodium diphenylhydantoin in treatment of leg ulcers, 1291
Stokes, J., Jr., and Weibel, R. E.: New metabolizable immunologic adjuvant for human use, 424
Strauss, Walter G.: Fever of unknown origin, 750
Thompson, L. K. III, and Anlyan, W. G.: An angiographic evaluation of swollen limbs, 750
Thompson, W. T., Jr., Patterson, John L., and Shapiro, William: Observations on the scalene respiratory muscles, 89
Vignos, Paul J., Jr., Bowling, Gerald F., and Watkins, Mary P.: Polymyositis, 197
Yunis, Edmond J., Ziegler, Newell, and Benson, Sandra: Retrospective serologic diagnosis of hemolytic transfusion reactions, 649

Ophthalmology

Anderson, Banks, Jr., Saltzman, Herbert A., and Heyman, Albert: The effects of hyperbaric oxygenation on retinal arterial occlusion, 1293
Bellows, John G.: Indications and technique of cryoextraction of cataracts, 1292
Gordon, Dan M.: Use of steroids in treatment of inflammation of eye, 426
Gurland, B. Bernard: The G.P. and the ophthalmoscope, 653
Okun, Edward, and Cibis, Paul A.: The role of photocoagulation in the management of retinoschisis, 551
Wallotton, William W.: The ocular aspects of golf, 990

Orthopedics

Boyd, Harold B.: Nonunion of the shafts of bones, 652
Caro, David, Craft, I. L., Howells, J. B., and Shaw, P. C.: Diagnosis and treatment of injury and lateral ligament of the ankle joint, 652
Clawson, D. Kay, and Stevenson, John K.: Treatment of chronic osteomyelitis, 991
Erickson, Donald J.: Conservative management of cervical syndromes, 321
Garden, J., and Miller, J. H.: Haemarthrosis in "contusion" injuries of the elbow-joint, 652
Goff, Charles W., and Aldes, John H.: Fractures and dislocations of the neck, 428
Horner, David B.: Lumbar back pain arising from stress fractures of the lower ribs, 758
Joyce, John J. III, and Grant, B. David: Early diagnosis of slipping of the upper femoral epiphysis, 428
Penning, L.: Nonpathologic and pathologic relationships between the lower cervical vertebrae, 96
Stack, James K., and Bachman, David C.: Intracapsular fractures of the femoral neck, 991
Sullivan, C. Roger, and Symmonds, Richard E.: Disk infections and abdominal pain, 96
Zohn, David A., and Franz, Adolph: The diagnosis and treatment of thoracic back pain, 428

Otorhinolaryngology

Buch, Nils H., and Jorgensen, M. Balsley: Eustachian tube and middle ear, 91

Falconer, M. A.: Place of vestibular nerve section in Meniere's disease, 1102
Merifield, David O.: Self-limited idiopathic vertigo (epidemic vertigo), 1205
Morse, Harry R.: Sinus disease, 997
Schuknecht, Harold F.: The pathology of several disorders of the inner ear which cause vertigo, 660
Townsend, Edward H., Jr.: Otitis media in pediatric practice, 208
Tremble, G. Edward: Referred pain in the ear: causes and probable nerve pathways, 998

Pathology

Paronetto, Fiorenzo, Schaffner, Fenton, and Popper, Hans: Immunocytochemical and serologic observations in primary biliary cirrhosis, 988
Smith, James F.: Classification of major salivary gland lesions, 319

Pediatrics

Ashmore, P. G.: Spontaneous pneumothorax in the newborn, 994
Barness, Lewis A., and Young, Leighton N.: A simplified view of fluid therapy, 752
Brusilow, Saul W., and Cooke, Robert E.: Fluid therapy of diarrhea and vomiting, 752
Calcagno, Philip L., ed.: Symposium on renal disorders, 552
Crawford, Stanley E.: Histoplasmosis in infants and children, 328
Drage, J. S., Kennedy, C., and Schwarz, B. K.: The Apgar score as an index of neonatal mortality, 203
Eufrate, Sergio A., and Gordon, Donald L.: Acute appendicitis in children, 752
Hood, J. H.: Effect of posture on the amount and distribution of gas in the intestinal tract of infants and young children, 204
Kamhi, Bernard, and Horowitz, Marcel: The treatment of selected cases of urinary incontinence in children, 1204
Keith, Haddow M.: Convulsions in children under three years of age: a study of prognosis, 993
Kogut, M. D., Kaplan, S. A., Collipp, P. J., Tiamsic, T., and Boyle, D.: Treatment of hyperthyroidism in children, 1296
Lansing, Allan M.: The differential diagnosis of congenital heart disease, 99
McLean, D. M., Quantz, E. Joan, Bach, Ruth D., Pevzner, B. Mae, Larke, R. P. B., and McNaughton, G. A.: Enteroviral and mumps meningitis in Toronto 1963, 429
Miller, D. L.: Frequency of complications of measles, 1963, 204
Stokes, Joseph, Jr.: The emerging picture of immunization against measles, 98
Stollerman, Gene H.: Treatment and prevention of rheumatic fever and rheumatic heart disease, 205
Thomas, Orville C., and McGovern, John P.: The gamma globulins with special reference to the controversy concerning their use for asthmatic children, 98

Psychiatry

Ackerly, William C., and Gibson, Guadalupe: Lighter fluid "sniffing," 96
Babigian, Haroutun M., Gardner, Elmer A., Miles, Harold C., and Romano, John: Diagnostic consistency and change in a follow-up study of 1215 patients, 1293
Bryant, Lester R., Eiseman, Ben, Spencer, Frank C., and Lieber, Arthur: Frequency of extracranial cerebrovascular disease in patients with chronic psychoses, 751
Delano, James G.: Separation anxiety as a cause of early emotional problems in children, 990
Hill, Denis: The bridge between neurology and psychiatry, 199
Inwood, Eugene R., and Anderson, Margaret M.: Suicide and the family physician, 430
Meyer, John, and Buswell, Mary: Total medical treatment, 198
Small, Joyce G., Small, Iver F., and Surphlis, R. P.: Temporal EEG abnormalities in acute schizophrenia, 324
Vaillant, George E., Semrad, Elvin V., and Ewalt, Jack R.: Current therapeutic results in schizophrenia, 199

Radiology

Blatz, Hanson: Common causes of excessive patient exposure in diagnostic radiology, 984
Feinberg, S. B.: The place of diskography in radiology as based on 2,320 cases, 753
Gershon-Cohen, J., Berger, Simon M., Haberman, Jo Ann D., and Barnes, R. Bowling: Thermography of the breast, 200
—and Borden, A. G. B.: Biopsy and mammography, 753
Graf, R. A., Smith, J. H., Flocks, R. H., and Van Epps, E. F.: Urinary tract changes associated with spina bifida and myelomeningocele, 201
Karas, Joseph S., and Stanbury, John B.: Fatal radiation syndrome from an accidental nuclear excursion, 1205
Kittredge, Richard D., Hemley, Samuel D., Kanick, Virginia, and Finby, Nathaniel: Retrograde aortography, 323
Smart, J. Gordon: Radioactive phosphorus treatment of bone-metastatic carcinoma of the prostate, 660
Strax, Philip, and Pomeranz, Maurice M.: Nonmalignant variations in mammography, 201
Van Herik, Martin: Fever as a complication of radiation therapy for carcinoma of the cervix, 1100
Whitesel, John A., and Heller, Eugene: Intensification of the excretory urogram by continuous infusion of contrast material, 323

Surgery

Annals of Surgery (Suppl.) August 1964: Postoperative wound infections: the influence of ultraviolet irradiation of the operating room and of various other factors, 659
Appleman, Robert M., and Beahrs, Oliver H.: Surgical management of gastrointestinal hemorrhage from an undetermined source, 989
—Priestley, James T., and Gage, Robert P.: Cholelithiasis and choledocholithiasis, 322
Arkins, Robert, Smessaert, Andre A., and Hicks, Robert G.: Mortality and morbidity in surgical patients with coronary artery disease, 989
Berhard, William F.: Current status of hyperbaric oxygenation in pediatric surgery, 751
Bernard, Harvey R., and Cole, William R.: The epidemiology of postoperative surgical infection, 1102
Clarke, T. Howard, and Laipply, Thomas C.: The use and abuse of laboratory tests in surgery, 100
Couch, Nathan P., Curran, William J., and Moore, Francis D.: The use of cadaver tissues in transplantation, 552
Entin, Martin A., ed.: Symposium on practical surgery of the hand, 425
Hong, P. W., Seel, D. J., and Dietrick, R. B.: The use of colon in the surgical treatment of benign stricture of the esophagus, 322
Inlow, Robert P., Dockerty, Malcolm B., and Priestley, James T.: Large gastric cancers, 1204
Koontz, Amos R.: Atrophy of the testicle as a surgical risk, 1297
Mannick, John A., Brooks, James W., Bosher, Lewis H., Jr., and Hume, David M.: Ruptured aneurysms of the abdominal aorta, 659
McGuff, Paul E., Deterling, Ralph A., Jr., Gottlieb, Leonard S., Fahimi, H. Darriush, and Bushness, David: Surgical applications of Laser, 989
Moyer, Carl A.: Some effects of 0.5 per cent silver nitrate and high humidity upon the illness associated with large burns, 1101
Rittenbury, Max S., Hume, David M., and Hench, Miles E.: A clinical bacteriologic evaluation of surgical antiseptics and a plastic skin drape, 322
Weckesser, Elden C.: Results of wide excision of the palmar fascia for Dupuytren's contracture, 751

Urology

Barry, Kevin G., Mazze, Richard I., and Schwartz, Franklin D.: Prevention of surgical oliguria and renal-hemodynamic suppression by sustained hydration, 206
Davis, Thomas A.: Method of intrarenal irrigation to dissolve calculi, 995
Derrick, John R., Rea, Van, and Blocker, Truman G.: Constriction of the renal vein—a new concept in renal hypertension, 995
Epstein, Franklin H.: Late vascular effects of toxemia of pregnancy, 206
Goodman, G. B., and Balfour, John: Carcinoma of bladder: Cobalt therapy, 328
Keuhnelian, John G., Bartone, Francis, and Marshall, Victor F.: Practical considerations from autopsies on azotemic patients, 94
Lilienfeld, Abraham M.: The relationship of bladder cancer to smoking, 755
Lytton, Bernard, Rosof, Bernard, and Evans, John S.: Parathyroid hormone-like activity in a renal carcinoma producing hypercalcemia, 1296
Mond, N. C., Percival, A., Williams, J. D., and Brumfitt, W.: Presentation, diagnosis, and treatment of urinary-tract infections in general practice, 1297
Nicolai, Charles H.: Role of chronic pyelonephritis in the production of experimental hydronephrosis, 756
Plorde, James J., Kennedy, Roger P., Bourne, Hal H., Ansell, Julian, and Petersdorf, Robert G.: Course and prognosis of prostatectomy with a note on the incidence of bacteremia and effectiveness of chemoprophylaxis, 1101
Schlegel, J. U.: The egotistical kidney as a cause of hypertension, 653
Seneca, Harry, Lattimer, John K., and Peer, Patricia: The relationship among normal intestinal flora, kidney infections and kidney stones, 994
Smith, R. D., Simon, N. M., and del Greco, F.: Intermittent dialysis in chronic uremia, 653
Stahl, William M.: Effect of mannitol on the kidney: changes in intrarenal hemodynamics, 1203
Tan, Giok Hwa, Rabbino, Michael D., and Hopper, James, Jr.: Is phenacetin a nephrotoxin?, 206

Wounds and injuries

McClelland, Robert N., and Shires, Tom: Management of liver trauma in 259 consecutive patients, 992

B

BILIRUBIN
See Blood, bilirubin
BIOLOGY
age, biology and carcinoma, [Grigg] 1275-R
biological relativity, [Martin] 1068*
BIOPSY
use of the Crosby-Kugler intestinal biopsy capsule: case reports, [Hoffman] 1238*
Vim-Silverman needle biopsy of bone marrow, [Boone] 498*
BIRTH
rate: See Vital Statistics
BIRTH CONTROL
controlled rhythm (use of Ortho-Novum 2 mg.); preliminary report, [Matthews] 30*
hidden dangers of intrauterine contraceptive devices, [Lippman] 1059*
BLOOD
See also Blood Pressure; Blood Transfusion; Leukemia; etc.
bilirubin, use of microbilirubin levels to determine need for exchange transfusion in newborn, [Bailey] 963*
catecholamines, augmentor effect of sympathetic innervation of heart, [Burchett] 1038*
circulation, augmentor effect of sympathetic innervation of heart, [Burchett] 1038*
circulation, correction factor for cardiac output determined by RISA method, [Kelso, Townsend and Levine] 941*
coagulation, anticoagulant therapy—boon or bane? [Celander, Celander and Martin] 359*
electrolytes, irritability of newborn infants: effect of diuretics administered during last trimester of pregnancy, [Skillman] 712*
lipids and proteins, study in immune states and arteriosclerosis, [Bennett] 717*
volume, new formula for prediction of normal volume, [Yurkon] 473*
volume, radioisotope, place of studies in clinical medicine, [Ogilvie] 457*
BLOOD PRESSURE
augmentor effect of sympathetic innervation of heart, [Burchett] 1038*

high, relation of renal size to; renal roentgenology, [Landis] 1063*
BLOOD TRANSFUSION
use of microbilirubin levels to determine need for exchange transfusion in newborn, [Bailey] 963*
BOARDS OF CERTIFICATION
See Specialties; and under names of specific boards
BODY
composition, simple clinical method developed to estimate body fat, [Steinkamp] 287 (April)-R
weight: See Obesity
BONES
See also Fractures; under names of bones; etc.
cutaneous patterns of sympathetic activity in clinical abnormalities of musculoskeletal system, [Korr, Wright & Chace] 1191 (July)-R
marrow, Vim-Silverman needle biopsy of, [Boone] 498*
musculoskeletal stress pattern; observations from over 50 years' clinical experience, [Dunnington] 366*
BOOK REVIEWS
Entries for books reviewed, listed alphabetically by author under subject classifications, follow all entries under the letter "B."
BOOKS
received for review, 110, 218, 339, 441, 559, 669, 770, 901, 1009, 1112, 1213, 1305
BRAIN
biological relativity, [Martin] 1068*
blood supply, observations of opposite side in cerebral arteriography, [Nelson] 1127*
induced copper deficiency associated with accumulation of inorganic copper in tissues and brain, [Gaballah, Kapsalis and Sturdivant] 945*
tumors, clinical electroencephalogram and intracranial tumors, [Scheurer] 44*
tumors, observations of opposite side in cerebral arteriography, [Nelson] 1127*
BREECH PRESENTATION
See Labor
BURNS
therapy, social factors, in children, [Cowin] 256 (June)-R

BOOK REVIEWS

[All books reviewed in the Book Reviews section are listed below, alphabetically by authors under subject classifications.]

Alcoholism

Hoff, Ebbe Curtis: Aspects of alcoholism, 210
McCarthy, Raymond G., ed: Alcohol education for classroom and community, 329

Allergy

Smith, W. G.: Allergy and tissue metabolism, 762

Anatomy

Crouch, James E.: Functional human anatomy, 1303

Anesthesiology

Cullen, Stuart C., and Featherstone, Robert M., eds.: International anesthesiology clinics, 210
Ellis, Harold, and McLarty, Margaret: Anatomy for anaesthetists, 330
Keys, Thomas E.: The history of surgical anesthesia, 1304
Mushin, William W., ed.: Thoracic anaesthesia, 433

Biochemistry

Eisenstein, Albert B., ed.: The biochemical aspects of hormone action, 337
Kovacs, Ernest: The biochemistry of poliomyelitis viruses, 555
Richter, Derek, ed: Comparative neurochemistry, 101

Biology

Enslein, Kurt, ed.: Data acquisition and processing in biology, 1003
Maddox, John: Revolution in biology, 435

Cancer

Day, Eugene D.: The immunochemistry of cancer, 1107
Kissen, D. M., and Leshan, L. L., eds.: Psychosomatic aspects of neoplastic disease, 336
Song, Joseph: The human uterus, morphogenesis and embryological basis for cancer, 1208

Cardiovascular system

Agress, Clarence M., and Estrin, Harley M.: The biochemical diagnosis of heart disease, 1103
Altschul, Rudolf, ed.: Niacin in vascular disorders and hyperlipemia, 665
Fulton, F. M.: The coronary arteries, arteriography, microanatomy, and pathogenesis of obliterative coronary artery disease, 1005
Greenwood, Richard J., and Finkelstein, David: Sinoatrial heart block, 102
Nite, Gladys, and Willis, Frank N., Jr.: The coronary patient, 105
Scherf, David, and Cohen, Jules: The atrioventricular node and selected cardiac arrhythmias, 209
Shapiro, Jerome H., Jacobson, Harold G., Rubinstein, Berta M., Poppel, Maxwell H., and Schwedel, John B.: Calcifications of the heart, 761
Viamonte, Manuel, Jr.: Progress in angiography, 1109

Cells

Defendi, Vittorio: Retention of functional differentiation in cultured cells, a symposium in honor of Margaret and Warren H. Lewis, 1111
DeReuck, A. V. S., and Knight, Julie, eds.: Cellular injury, 765
Woodliff, H. Jackson: Blood and bone marrow cell culture, 1104

Chemistry

Annino, Joseph S.: Clinical chemistry principles and procedures, 440
Oparin, Alexander I.: The chemical origin of life, 214
Zuman, Petr: Organic polarographic analysis, 666

Chest and chest diseases

Burch, Buford H.: Atlas of pulmonary resections, 896
Piller, Laurence W.: Manual of cardio-pulmonary technology, 108
Rosenman, Eugene: An outline of pulmonary function and pulmonary emphysema, 336
Steele, John D.: The solitary pulmonary nodule, 105
—ed: The treatment of mycotic and parasitic diseases of the chest, 216

Dermatology

Bobroff, Arthur: Acne, and related disorders of complexion and scalp, 1001
Král, Frank, and Schwartzman, Robert M.: Veterinary and comparative dermatology, 211
Wells, F. V., and Lubowe, Irwin I.: Cosmetics and the skin, 1299

Diseases

Hayasaka, Hiroshi, and Howard, John M.: Septic shock, experimental and clinical studies, 1008
Perou, Maurice L.: Cranial hyperostosis (hyperostosis cranii or H.C.), 558
Pulaski, Edwin J.: Common bacterial infections, 557

Endocrinology

Cameron, Margaret P., and O'Connor, Maeve, eds.: Brain-thyroid relationships, 770
Defendi, Vittorio, and Metcalf, Donald, eds.: The thymus, a symposium held at the Wistar Institute of Anatomy and Biology April 29, 1964, 1111
Grollman, Arthur: Clinical endocrinology, 764
Leon-Sotomayor, Luis: Myxedema coma, 769
Murray, I. Provan C.: Thyroid disorders, a guide to diagnosis and treatment, 1108

Gastroenterology

Madsen, C. M.: Hirschsprung's disease, 767
Mellinkoff, Sherman M., ed.: The differential diagnosis of diarrhea, 437
Welch, Claude E.: Polypoid lesions of the gastrointestinal tract, 898

Genetics

Carlington, C. D.: Genetics and man, 765
Clarke, C. A.: Genetics for the clinician, 440

Geriatrics

Bab, Werner: The uses of psychology in geriatric ophthalmology, 102
Lucas, Carl: Recreation in gerontology, 557

Hematology

Bennett, Clois W.: Clinical serology, 899
De Gruchy, G. C.: Clinical haematology in medical practice, 1108
Israels, M. C. G.: Diagnosis and treatment of blood diseases, 103
Sunderman, F. William, and Sunderman, F. William, Jr., eds.: Serum proteins and the dysproteinemias, 767

Hospitals

Symposium proceedings of the National Symposium on Hospital Affairs, December 1963: The impact of changing medical practice on hospital administration, 761

Internal medicine

Boen, S. T.: Peritoneal dialysis in clinical medicine, 434
Cameron, Margaret P., and O'Connor, Maeve, eds.: Aetiology of diabetes mellitus and its complications, 899
Child, Charles G.: The liver and portal hypertension, 337
Dock, William, and Snapper, I., eds.: Advances in internal medicine, 1105

Language

DeReuck, A. V. S., and O'Connor, Maeve, eds.: Disorders of language, 662

Metabolism

Christensen, Halvor N.: Body fluids and the acid-base balance, a learning program for students of the biological and medical sciences, 1110
Duncan, Garfield G.: Diseases of metabolism detailed methods of diagnosis and treatment, 553
MacDonald, Richard A.: Hemochromatosis and hemosiderosis, 334
Whelan, W. J., and Cameron, Margaret P., eds.: Control of glycogen metabolism, 1004
Wolf, A. V., and Crowder, Norman A.: Body fluid metabolism, 109

Microbiology

Smith, Alice Lorraine: Microbiology and pathology, 104

Muscles

Gergely, John, ed.: Biochemistry of muscle contraction, 764
Walton, John N., ed.: Disorders of voluntary muscle, 661

Mycology

Hildick-Smith, Gavin, and Sarkany, Imrich: Fungus diseases and their treatment, 895
Negroni, Pablo: Histoplasmosis, diagnosis and treatment, 1207
Winner, H. I., and Hurley, Rosalinde: Candida albicans, 335

Narcotics

Foldes, Francis F., Swerdlow, Mark, and Siker, Ephraim S.: Narcotics and narcotic antagonists, 764

Neurology

Carter, Alan Barham: Cerebral infarction, 768
Halpern, Lipman, ed.: Problems of dynamic neurology, 433
Keats, Sidney: Cerebral palsy, 1004
Simonson, Ernst, and McGavack, Thomas Hodge, eds.: Cerebral ischemia, 436
Slooff, Johan L.: Primary intramedullary tumors of the spinal cord and filum terminale, 103
Tourtellotte, Wallace W., Haerer, Armin F., Heller, Grant L., and Somers, John E.: Postlumbar puncture headaches, 438
Truex, Raymond C.: Human neuroanatomy, 103

Zülch, K. J.: Brain tumors, their biology and pathology, 1303

Nutrition

Wohl, Michael G., and Goodhart, Robert S., eds.: Modern nutrition in health and disease, 666
Wolstenholme, G. E. W., ed.: Diet and bodily construction, 107

Obstetrics and gynecology

Berge, B. S. Ten, ed.: Pregnancy, chemistry and management, 1300
Reiffenstuhl, Gunther: The lymphatics of the female genital organs, 899

Of general interest

Brooks, Stewart M.: Laboratory manual and workbook for integrated basic science, 556
Conn, Howard F., ed.: Current therapy 1965, latest approved methods of treatment for the practicing physician, 1302
Farndale, James, ed.: Trends in the National Health Service, 438
Finegold, Wilfred J.: Artificial insemination, 556
Good, Lawrence R., Siegel, Saul M., and Bay, Alfred Paul, eds.: Therapy by design, implications of architecture for human behavior, 1105
Haddon, William, Jr., Suchman, Edward A., and Klein, David: Accident research, methods and approaches, 1301
Heidel, Werner, compiler: 1963-1964 collected papers in medicine and surgery from the Mayo Clinic and Mayo Foundation, 106
Hodgkin, Keith: Towards earlier diagnosis, 897
MacBryde, Cyril Mitchell, ed.: Signs and symptoms, applied pathologic physiology and clinical interpretation, 553
Robertson, Harold F.: Clinical diagnosary, 1210
Schaefer, Karl E., ed.: Bioastronautics, 215
Stephenson, Hugh E., Jr.: Cardiac arrest and resuscitation, 335
Von Euler, U. S.: Tobacco alkaloids and related compounds, 900

Ophthalmology

Adler, Francis Heed: Physiology of the eye, 1104
Boniuk, Milton, ed.: Ocular and adnexal tumors, 217
Girard, Louis J., ed.: Corneal contact lenses, 332
Harrington, David O.: The visual fields, 763
Seitz, R.: The retinal vessels, comparative ophthalmoscopic and histologic studies on healthy and diseased eyes, 1005
Symposium of the New Orleans Academy of Ophthalmology: Industrial and traumatic ophthalmology, 1003
Zuckerman, Joshua: Diagnostic examination of the eye, step-by-step procedure, 555

Orthopedics

Adams, John Crawford: Outline of fractures, including joint injuries, 1110
Adams, John P., ed.: Current practice in orthopaedic surgery, 897
Bloomberg, Maxwell H.: Orthopedic braces, 767
Diamond, Bernard: The obstructing acromion, 663
Frost, H. M.: The laws of bone structure, 332
—ed.: Bone biodynamics, 665
Kite, J. Hiram: The clubfoot, 334
Kulowski, Jacob: Accident injuries of the conjoined femur, 107

Otorhinolaryngology

Dolowitz, David A.: Basic otolaryngology, 441
Myerson, Mervin C.: The human larynx, 1106

Pathology

Anderson, W. A. D.: Synopsis of pathology, 336
Fallis, Bruce D.: Textbook of pathology, 763

Pediatrics

Gustafson, Sarah R., coordinating ed., and Coursin, David Baird, consulting ed.: The pediatric patient 1964, 109
—The pediatric patient 1965, 1302
Hughes, Walter T., Jr.: Pediatric procedures, 766
Illingworth, Ronald S.: The normal child, 213
Krugman, Saul, and Ward, Robert: Infectious diseases of children, 333
Kugelmass, I. Newton: Biochemical diseases (chemical pediatrics), 667
Nelson, Waldo E., ed.: Textbook of pediatrics, 437
Venables, A. W.: Essentials of paediatric cardiology, 768

Pharmacology

Beckman, Harry, ed.: The year book of drug therapy, 1964-1965, 1004
Cutting, Windsor C.: Handbook of pharmacology, 900
Goodhart, Robert S., ed.: Modern drug encyclopedia and therapeutic index, 1007
Holland, William C., Klein, Richard L., and Briggs, Arthur H.: Introduction to molecular pharmacology, 664
Lewis, J. J.: An introduction to pharmacology, 1006
Packman, Robert C., and Utiger, Robert D., eds.: Manual of medical therapeutics, 434
Steinberg, Hannah, ed.: Animal behaviour and drug action, 554
Wilson, Charles O., and Jones, Tony Everett: American drug index, 1007

Physical medicine and rehabilitation

Hirschberg, Gerald G., Lewis, Leon, and Thomas, Dorothy: Rehabilitation, 213
Jokl, Ernst: Physiology of exercise, 217
Shestack, Robert: Physician's physical therapy manual, 1109

Poisons and poisoning

Thienes, Clinton H.: Clinical toxicology, 338

Preventive medicine

Hilleboe, Herman E., and Larimore, Granville W., eds.: Preventive medicine, principles of prevention in the occurrence and progression of disease, 1300
Sartwell, Philip E.: Maxcy-Rosenau preventive medicine and public health, 1301

Psychiatry

Bellak, Leopold, ed.: Handbook of community psychiatry and community mental health, 211
Benson, Wilbur M.: Tranquilizing and antidepressive drugs, 1002
Blair, Donald: Modern drugs for the treatment of mental illness, 209
Bosselman, Beulah Chamberlain: Neurosis and psychosis, 895
Feibleman, James K.: Mankind behaving, 762
Hoffer, A.: Niacin therapy in psychiatry, 1103
Masserman, Jules H., ed.: Current psychiatric therapies, 331
Skottowe, Ian: Clinical psychiatry for practitioners and students, 1299
Ullman, Montague: Behavioral changes in patients following strokes, 330
Weiss, Edoardo: Agoraphobia in the light of ego psychology, 554

Radiology

Balabukha, V. S., ed.: Chemical protection of the body against ionizing radiation, 1103
Bloom, William L., Jr., Hollenbach, John L., and Morgan, James A.: Medical radiographic technic, 1001
Quinn, James L. III, ed.: Scintillation scanning in clinical medicine, 662
Vennes, Carol Hocking, and Watson, John C.: Patient care and special procedures in x-ray technology, 1208

Respiratory system

Bates, David V., and Christie, Ronald V.: Respiratory function in disease, 668
Gottlieb, Leon S.: A history or respiration, 897

Sex and sex education

Oliven, John F.: Sexual hygiene and pathology, a manual for the physician and the professions, 1106

Statistics

Goldstein, Avram: Biostatistics, 108

Surgery

Castleman, Benjamin, and Burke, John F., eds.: Surgical clinicopathological conferences of the Massachusetts general hospital, 768
Davis, Loyal, ed.: Christopher's Textbook of surgery, 435
De Bakey, Michael E., ed.: The year book of general surgery, 898
Dunphy, J. Englebert, and Botsford, Thomas W.: Physical examination of the surgical patient, 215
Jorstad, Louis H.: Surgery of the breast, 769
Nyhus, Lloyd M.: Hernia, 896
Schwartz, Seymour I.: Surgical diseases of the liver, 667
Welch, Claude E., ed.: Advances in surgery, 1002
Wilder, Joseph R.: Atlas of general surgery, 102

Transplantation

Moore, Francis D.: Give and take, the development of tissue transplanation, 436
Starzl, Thomas E.: Experience in renal transplantation, 664

Tropical medicine

Felsenfeld, Oscar: Synopsis of clinical tropical medicine, pathogenesis, clinical picture, diagnosis, prognosis, and therapy, 1107

Urology

Anderson, James C.: Hydronephrosis, 1006
Burrows, Edmund H.: Urethral lesions in infancy and childhood, studies by micturition cysto-urethrography, 1209

Viruses

Stuart-Harris, C. H.: The background to chemotherapy of virus diseases, 337

Wounds and injuries

Montagna, Williams, and Billingham, Rupert E., eds.: Wound healing, advances in biology of skin, 439
Zaydon, Thomas John, and Brown, James Barrett: Early treatment of facial injuries, 212

C

CANCER
See also Larynx; Vagina; Uterus; etc.
age, biology and carcinoma, [Grigg] 1275-R
analysis of 965 tumors seen in patients below age 15, [Canaday and Arends] 15*
congenital acromicria and related aneuploid diseases, leukemias, and malignant neoplasia; hypothesis, [Kline] 1147*
metastasis, mediastinoscopy; new diagnostic modality, [Farrow, Jr. and Lacquet] 702*
mortality, progress in control among women, 266 (July)-R
CARCINOMA
See Cancer
CARDIOVASCULAR SYSTEM
See Aneurysm; Blood, circulation; Heart; etc.
CASE HISTORIES
principles of the comprehensive examination, [Gray] 637-R
CATECHOLAMINES: See Blood, catecholamines
CERTIFICATION
See Specialties; and under names of boards of certification
CESAREAN SECTION
nullipara breech; evaluation of methods of delivery, [Scolnick] 614*
CESIUM-131
See Radioactivity
CHANGES OF ADDRESS
See Membership, A.O.A.
CHEMOTHERAPY
See also under names of drugs; etc.
biological relativity, [Martin] 1068*
CHEST: See Thorax
CHILDBIRTH
See Cesarean Section; Labor; Pregnancy
CHILDREN
See also Infants, under names of diseases, etc.

continuing roentgenographic study of rural school children over 15-year period; lumbosacral angle, [Hagen] 1163*
our child-population, 325 (Nov.)-R
social factors in treating burned, [Cowin] 256 (June)-R
CHLORPROMAZINE
effects, differential, of pitressin and, upon water balance in albino rats, [Jacobson] 957*
CHOLECYSTECTOMY
See Gallbladder, excision
CHONDROMALACIA
vitallium patelloplasty in, [Coretti and Wiersma] 164*
CHROMOSOMES
congenital acromicria and related aneuploid diseases, leukemias, and malignant neoplasia; hypothesis, [Kline] 1147*
CIGARETTES
See Tobacco
CODE OF ETHICS
See American Osteopathic Association
COLD
See Hypothermia
COLLEGES; OSTEOPATHIC
See also Education, osteopathic
dates of 1965 first-year student matriculation, 530-OE
educational standards, [approved by Board of Trustees of AOA] 526-OE
COLON
See also Gastrointestinal System; Intestines
polyps, adenomatous, [Kani and Williams] 238*
CONTRACEPTION: See Birth Control
CONVENTIONS AND MEETINGS
announcements, 299 (Sept.), 257 (Oct.), 269 (Nov.), 255 (Dec.), 237 (Jan.), 237 (Feb.), 251 (March), 249 (April), 233 (May), 233 (June), 229 (July), 233 (Aug.)
AOA Convention, Las Vegas, 1964, advance registration, 79; hotel reservation application, 80
AOA Convention, Philadelphia, 1965, advance registration, 999, 1075, 1179, 1273; hotel reservation application, 1000, 1076, 1180, 1274
COPPER
deficiency, induced, associated with accumulation of inorganic copper in tissues and brain, [Gaballah, Kapsalis and Sturdivant] 945*
COUMARIN
anticoagulant therapy-boon or bane? [Celander, Celander and Martin] 359*
CROSBY-KUGLER BIOPSY CAPSULE
See Biopsy
CURRENT LITERATURE
81, 189, 305, 417, 541, 637, 739, 873, 977, 1089, 1191, 1275
CYSTIC HYGROMA
See Hygroma, cystic

D

DEATH
See also Vital Statistics
physician's responsibility in "hopeless cases," [Pertschuk and Heyman] 618*
DEATHS
See "Deaths" in THE D.O. and in 1965 YEARBOOK AND DIRECTORY OF OSTEOPATHIC PHYSICIANS.
DEOXYRIBONUCLEIC ACID
congenital acromicria and related aneuploid diseases, leukemia and malignant neoplasia; hypothesis, [Kline] 1147*
DERMATITIS
contact, caused by plants, [Ulbrich] 1023*
DERMATOLOGY
See American Osteopathic Board of Dermatology; Skin; and under names of skin diseases
DIAGNOSIS
See also Laboratories; under names of specific diseases, etc.
methods, mediastinoscopy; new diagnostic modality, [Farrow, Jr. and Lacquet] 702*
methods, use of the Crosby-Kugler intestinal biopsy capsule: case reports, [Hoffman] 1238*
methods, Vim-Silverman needle biopsy of bone marrow, [Boone] 498*
DIPYRONE
See Aminopyrine
DISEASE
See also Diagnosis; under names of diseases; etc.
chronic, prevalence of, 324 (Nov.)-R
chronic, simple clinical method developed to estimate body fat, [Steinkamp] 287 (April)-R
DIURESIS AND DIURETICS
differential effects of chlorpromazine and pitressin upon water balance in albino rats, [Jacobson] 957*
irritability of newborn infants effect of diuretics administered during last trimester of pregnancy, [Skillman] 712*
DIVISIONAL SOCIETIES
See Conventions and Meetings, announcements
DNA
See Deoxyribonucleic Acid
DOCTORS
See Physicians
DOGS
pulmonary Wegener's granulomatosis mistaken for tuberculosis: a case report, [Shelby] 1249*
DRIVING
See Automobiles
DRUGS
See also Pharmacology; under names of drugs; etc.
addiction: See Narcotics
administration and dosage, unintentional intravascular injection of penicillin, [Popper] 300 (Oct.)-R
toxicity, relationship of the Food and Drug Administration to the practice of medicine, [Sadusk] 977-R
DUODENUM
abnormalities, intestinal obstruction in newborn due to malrotation, mesenteric volvulus, and congenital duodenal bands; case report, [Mercer] 142*

E

ECOLOGY
Prometheus and the gods—an essay on ecology, [Galdston] 739-R
ECONOMICS AND THE PRACTICING PHYSICIAN
[Marks] 69, 179, 295, 407, 531, 627, 729, 863, 967, 1077, 1181, 1263
ECONOMICS, MEDICAL
current problems in medical care, [Roemer] 283 (Jan.)-R
EDITORIAL COMMENT
4, 119, 228, 347, 452, 569, 677, 779, 909, 1018, 1121, 1221
EDITORIALS
a former dean speaks out, 344
a week to remember, 568
alerting the profession, 115
Allan A. Eggleston, 1906-1965, 775
aminopyrine-dipyrone problem, 907
an innovation, 450
Ann, 227
"by these fruits," 447
candlelight, 675
case of the tired grandmother, 674
commercial clinical laboratories: pros and cons, [Dressler] 1118
consistent inconsistency, 1219
contest that cares, 3
continuity and correlation, 343
deadly pathogen, 778
decision in Missouri, 2
design for reading, 1
ecumenical medicine, 1117
fact sheet, 1018
fat of the land, 448
freedom with responsibility 908
greetings, 905
health education in our schools, 346
lines from Las Vegas, 223
littlest m.d., 223
medical statesmanship, 1013
no peace on earth, 343
Philadelphia in September, 1120
reprise, 565
re-search, 905
silent killer, 676
something borrowed, 1015
the belief and the practice, 117
The Forum, 1017
the intern, 1217
the oath and Hippocrates, 451
the omega and the alpha, 567
the rise continues, 1220
to further understanding, 225
". . . to one class of men," 775
two words of medicine, 673
twofold task, 2
who cares?, 1016
EDUCATION
medical, for modern health-service team, [Wells] 353*
nationwide rise in level, 327 (Sept.)-R
osteopathic, [Mills] 505-OE
osteopathic, educational supplement, [Office of Education of American Osteopathic Association] 503-OE
osteopathic, standards for osteopathic colleges [approved by Board of Trustees of AOA] 526-OE
positive view of aging asks much of education, [Dunn] 81-R
ELECTROCARDIOGRAPHY
See Heart
ELECTROENCEPHALOGRAPHY
See Brain
ELECTROLYTES
See Blood, electrolytes; Fluids
ELECTRON MICROSCOPE
macrophage tagging experiments; preliminary report, [Nusser and Glinter] 945*
perfusion fixation of neural tissue for, [Pysh] 936*
ELECTROPHYSIOLOGY
neural factors underlying variations in electrical resistance of apparently nonsweating skin, [Thomas and Kawahata] 417-R
ELEPHANTIASIS
scrotal, nonfilarial, familial exogenous obesity complicated by; case history, [Finer] 620*
EMOTIONS
disorders, role of osteopathic manipulative therapy in; physiologic hypothesis, [Bradford] 484*
disturbances, treatment in clinic patients, [Button and Cole] 812*
ENVIRONMENT
See also Air, pollution; Radiation; etc.
social factors in treating burned children, [Cowin] 256 (June)-R
age, biology and carcinoma, [Grigg] 1275-R
EPINEPHRINE
See Adrenalin
ERYTHROCYTES
See Blood; Hematocrit
ESOPHAGUS
hernia, lower esophagus, [Hiscock] 1046*
roentgenography, lower esophagus, [Hiscock] 1046*
varix, gastric hypothermia (use of Swenko gastric hypothermia machine), [Del Marco] 36*
EXAMINATION
principles of the comprehensive examination, [Gray] 637-R
EXAMINING BOARDS
See Advisory Board for Osteopathic Specialists under American Osteopathic Association; National Board of Examiners for Osteopathic Physicians and Surgeons; State Boards; and under names of specialty boards
EXTREMITIES
See also Fractures; Femur; etc.
regeneration and growth, effects of selected antihistaminic solutions on, [Miroyiannis and Hunter] 929*

F

FEMUR
fractures, major injuries in region of knee, with special reference to fractures of upper tibia and lower femur, [Wood] 958*
FETUS
See also Labor; Pregnancy; etc.

heart examination, study on relationship between height of QRS complex and month of pregnancy, [Vandervort] 1143*
relationship between amplitude of fetal QRS and month of pregnancy, [Vandervort] 950*
roentgen study of soft tissues of pregnancy, [Boudette] 596*
FEVER
in pediatric patient, [Judge] 1171*
FIREARMS
accidents, reduction in mortality from, 295 (Oct.)-R
FLUIDS
fever in pediatric patient, [Judge] 1171*
FLUORESCENCE MICROSCOPY: See Microscopy
FOOD AND DRUG ADMINISTRATION
relationship of the Food and Drug Administration to the practice of medicine and the aminopyrine-dipyrone problem, [Sadusk] 977-R
FRACTURES
See also under names of bones
therapy, basic principles of, [Wright] 602*

G

GALLBLADDER
hyperplastic cholecystoses, [Halin] 381*
treatment of chronic typhoid carriers by cholecystectomy, [Freitag] 316 (Oct.)-R
GASTROINTESTINAL SYSTEM
See also Colon; Intestines; Stomach; etc.
hemorrhage, gastric hypothermia, [Del Marco] 36*
GERIATRICS
See Old Age
GRANULOMA
eosinophilic (histiocytosis X), primary pulmonary, [Staab and Stoever] 608*
pulmonary Wegener's granulomatosis mistaken for tuberculosis: a case report [Shelby] 1249*
GYNECOLOGY
See American Osteopathic Board of Obstetrics and Gynecology; Anesthesia, in gynecology and obstetrics; Vagina; etc.

H

HANDICAPPED
See also Rehabilitation
physician's dilemma in evaluation of medical handicaps to driving, [Waller and Thunen] 263 (Jan.)-R
HARVEY, WILLIAM
modern or ancient scientist?, [Ratner] 873-R
HEAD
injuries, biomechanical analysis of traumatically induced cervical-occipital lesions (whiplash injuries), [White] 938*
HEALTH
See also Insurance, health; Public Health
achieving nation's health potential, [Christensen] 233*
education for modern health-service team, [Wells] 353*
HEART
correction factor for cardiac output determined by RISA method, [Kelso, Townsend and Levine] 941*
diseases, absorbed dose and excretion of cesium-131, [Himes] 724*
diseases, anticoagulant therapy—boon or bane?, [Celander, Celander and Martin] 359*
diseases, cesium-131 uptake and distribution in human heart; analysis of cardiac scans in 104 patients, with special reference to myocardial infarctions, [Himes, Worth and Smith] 575*
electrocardiography, evaluation of criteria for diagnosis of left ventricular hypertrophy; autopsy findings, [Kaftan] 494*
electrocardiography, relationship between amplitude of fetal QRS and month of pregnancy, [Vandervort] 950, 1143*
hypertrophy, evaluation of criteria for electrocardiographic diagnosis of left ventricular hypertrophy; autopsy findings, [Kaftan] 494*
innervation, augmentor effect of sympathetic, [Burchett] 1038*
innervation, distribution and function of cardiac sympathetic nerves (use of P^{32}), [Burchett] 925*
HEMATOCRIT
new formula for prediction of normal blood volume, [Yurkon] 473*
place of radioisotope blood volume studies in clinical medicine, [Ogilvie] 457*
HEMORRHOIDS
hemorrhoidectomy without pain, [Schwartz] 397*
HEPARIN
anticoagulant therapy—boon or bane?, [Celander, Celander and Martin] 359*
HISTIOCYTOSIS X
See Granuloma
HISTOPLASMOSIS
roentgen aspects of pulmonary, [Scott] 23*
HOSPITALS
legal problems facing modern, [Littauer] 277 (Feb.)-R
osteopathic, registered or nonteaching and hospitals, approved for training interns and residents, 518-OE
survey of hospital law, [Horty] 286 (Nov.)-R; 268 (Dec.)-R
HYALINE MEMBRANE
disease, respiratory distress syndrome in relation to umbilical cord ligation, [Tucek] 403*
HYDROTHERAPY
fever in pediatric patient, [Judge] 1171*
HYGROMA, CYSTIC
review and presentation of interesting case, [Hohn] 1175*
HYPERTENSION: See Blood Pressure, high
HYPOTHERMIA
gastric, [Del Marco] 36*

I

ILIUM
Vim-Silverman needle biopsy of bone marrow, [Boone] 498*
ILLNESS
See Disease; under names of diseases; etc.
IMMUNITY
See also under names of specific diseases
study of serum lipids and proteins in arteriosclerosis and, [Bennett] 717*
INDANEDIONE COMPOUNDS
anticoagulant therapy—bone or bane?, [Celander, Celander and Martin] 359*
INDUSTRY AND OCCUPATIONS
addiction to drugs by medical personnel, [Lundy] 591*
large accident toll among men at the working ages, 274 (Aug.)-R
work-time loss from injury, 250 (Feb.)-R
INFANTS
See also Children; under names of diseases; etc.
mortality, perinatal mortality in United States, [Chenoweth] 372*
mortality, results in breech presentation; 4-year survey, [Tull] 259*
newborn: See also Jaundice, of newborn
newborn, intestinal obstruction due to malrotation, mesenteric volvulus, and congenital duodenal bands; case report, [Mercer] 142*
newborn, irritability of; effect of diuretics administered during last trimester of pregnancy, [Skillman] 712*
newborn, meeting the needs of new mothers, [Auerbach] 250 (Aug.-)R
newborn, meningitis; review of literature and case presentation, [Rutherford] 63*
newborn, respiratory distress syndrome in relation to umbilical cord ligation, [Tucek] 403*
premature, cigarette smoking and prematurity, [Goldstein, Goldberg, Frazier, and Davis] 541-R
INFARCTION
See Heart
INJECTIONS
unintentional intravascular injection of penicillin, [Popper] 300 (Oct.)-R
INJURIES
See Wounds and Injuries
INSURANCE
health, current problems in medical care, [Roemer] 283 (Jan.)-R
INTERNAL MEDICINE
See American Osteopathic Board of Internal Medicine
INTERNS
See Hospitals, osteopathic
INTESTINES
obstruction, in newborn due to malrotation, mesenteric volvulus, and congenital duodenal bands; case report, [Mercer] 142*
use of the Crosby-Kugler intestinal biopsy capsule: case reports, [Hoffman] 1238*
ISOTOPES
See Radioactivity

J

JAUNDICE
of newborn, use of microbilirubin levels to determine need for exchange transfusion in, [Bailey] 963*
JAWS
relationship of tooth occlusion and position of head in space to malfunction of temporal mandibular joint, [Robinson and Strachan] 922*

K

KIDNEYS
renal tubular influence of epinephrine in dogs, [Robb] 950*
size, relation to hypertension, [Landis] 1063*
KNEE
See also Patella
injuries, major in region of, with special reference to fractures of upper tibia and lower femur, [Wood] 958*
KUGLER-CROSBY BIOPSY CAPSULE
See Biopsy

L

LABOR
See also Cesarean Section; Pregnancy
clinical experience with transbuccal Pitocin, [Chapman] 137*
presentation, breech, results; 4-year survey, [Tull] 259*
presentation, nullipara breech; evaluation of methods of delivery, [Scolnick] 614*
LABORATORIES
comparative study of light and fluorescent microscopy in histologic evaluation of motor end plates, [Cole, III] 952*
macrophage tagging experiments; preliminary report, [Nusser and Glinter] 945*
new formula for prediction of normal blood volume, [Yurkon] 473*
perfusion fixation of neural tissue for electron microscopy, [Pysh] 936*
place of radioisotope blood volume studies in clinical medicine, [Ogilvie] 457*
use of microbilirubin levels to determine need for exchange transfusion in newborn, [Bailey] 963*
LARYNX
cancer, present-day management of carcinoma, [Dubin] 170*
LEGAL AND LEGISLATIVE
legal aspects of air pollution control, [Kennedy] 251 (May)-R
legal problems facing modern hospitals, [Littauer] 277 (Feb.)-R
résumé of work in air pollution control, [Maga] 247 (July)-R
role of law in public health, [Willcox] 275 (March)-R

survey of hospital law, [Horty] 286 (Nov.)-R; 268 (Dec.)-R
water pollution control, [Stein] 254 (Feb.)-R
LESION, OSTEOPATHIC
See also Technic, Osteopathic
musculoskeletal stress pattern; observations from over 50 years' clinical experience, [Dunnington] 366*
osteopathic medicine; medical reformation (Scott memorial lecture), [Northup] 787*
LEUKEMIA
acute, in infancy and childhood, [Kline] 266*
congenital acromicria and related aneuploid diseases, leukemias, and malignant neoplasia; hypothesis, [Kline] 1147*
LICENSURE
See State Boards
LIPIDS
See Blood
LIPOPROTEINS
congenital acromicria and related aneuploid diseases, leukemias, and malignant neoplasia; hypothesis, [Kline] 1147*
LUNGS
See also Respiration; Tuberculosis, pulmonary
cancer, mediastinoscopy; new diagnostic modality, [Farrow and Lacquet] 702*
diseases, primary eosinophilic granuloma (histiocytosis X), [Staab and Stoever] 608*
diseases, pulmonary Wegener's granulomatosis mistaken for tuberculosis: a case report, [Shelby] 1249*
diseases, roentgen aspects of histoplasmosis, [Scott] 23*
physiology, influence of pulmonary and thoracic mobilization procedures on; preliminary studies, [Murphy] 951*
roentgenography, some aspects of pulmonary histoplasmosis, [Scott] 23*
LYMPH NODES
radiation therapy of malignant lymphoma with special reference to place of lymphangiography in management, [Rosenbaum] 683*
LYMPHANGIOGRAPHY
See Lymph Nodes
LYMPHOMA
See Tumors, lymphoma

M

MACROPHAGE: See Phagocytes
MANDIBLE: See Jaws
MANIPULATION
See Technic, Osteopathic
MAXILLA: See Jaws
MEDIASTINUM
mediastinoscopy; new diagnostic modality, [Farrow, Jr. and Lacquet] 702*
MEDICAL RECORDS
survey of hospital law, [Horty] 268 (Dec.)-R
MEDICAL SERVICE
current problems in medical care, [Roemer] 283 (Jan.)-R
education for modern health-service team, [Wells] 353*
MEDICINE
See also Legal and Legislative Medical Service; Osteopathy; Physicians; etc.
history, Prometheus and the gods—an essay on ecology, [Galdston] 739-R
history, William Harvey, M.D.: Modern or ancient scientist?, [Ratner] 873-R
practice, relationship of the Food and Drug Administration to the practice of medicine and the aminopyrine—dipyrone problem, [Sadusk] 977-R
MEMBERSHIP A.O.A.
applications for, 347 (Sept.), 336 (Oct.), 343 (Nov.), 297 (Dec.), 321 (Jan.), 301 (Feb.), 329 (March), 321 (April), 311 (May), 297 (June), 285 (July), 291 (Aug.)
changes of address, 333 (Sept.), 326 (Oct.), 335 (Nov.), 275 (Dec.), 307 (Jan.), 294 (Feb.), 316 (March), 296 (April), 296 (May), 284 (June), 275 (July), 277 (Aug.)
MENINGITIS
neonatal; review of literature and case presentation, [Rutherford] 63*
MENSTRUATION
controlled rhythm (use of Ortho-Novum 2 mg.); preliminary report, [Matthews] 30*
MESENTERY
volvulus, intestinal obstruction due to malrotation, congenital duodenal bands, and; case report, [Mercer] 142*
MICROSCOPY
See also Electron Microscope
light and fluorescent, comparative study in histologic evaluation of motor end plates, [Cole] 952*
MONGOLISM
congenital acromicria and related aneuploid diseases, leukemias, and malignant neoplasia; hypothesis, [Kline] 1147*
MONITORING
design and evaluation of research program, [Moreland] 948*
MORBIDITY
See Vital Statistics; under names of diseases; etc.
MORTALITY
See Death, causes; Vital Statistics; under names of diseases; etc.
MOTHERS
meeting the needs of new mothers, [Auerbach] 250 (Aug.)-R
MUSCLES
cutaneous patterns of sympathetic activity in clinical abnormalities of musculoskeletal system, [Korr, Wright & Chace] 1191 (July)-R
innervation, comparative study of light and fluorescent microscopy in histologic evaluation of motor end plates, [Cole] 952*
innervation, review of prevalent concepts of histochemistry of myoneural junction, [Coe] 948*
innervation, study in trophic mechanisms, [Korr, Wilkinson and Chornock] 935*
musculoskeletal stress pattern; observations from over 50 years' clinical experience, [Dunnington] 366*
MUSCULOSKELETAL DISORDERS
See Bones; Muscles
MYOCARDIUM
See Heart
MYTHOLOGY
Prometheus and the gods—an essay on ecology, [Galdston] 739-R

N

NARCOTICS
drug addiction by medical and paramedical personnel, [Lundy] 595*
NATIONAL BOARD OF EXAMINERS FOR OSTEOPATHIC PHYSICIANS AND SURGEONS
examinations, 305 (Sept.), 292 (Oct.), 282 (Nov.), 266 (Dec.), 259 (Jan.), 248 (Feb.), 271 (March), 287 (April), 247 (May), 252 (June), 240 (July), 250 (Aug.)
NECK
cysts, review and presentation of interesting case of cystic hygroma, [Hohn] 1175*
injuries, biomechanical analysis of traumatically induced cervical-occipital lesions, [White] 938*
NEEDLE BIOPSY
See Biopsy
NERVES
See also Nervous System
macrophage tagging experiments; preliminary report, [Nusser and Glinter] 945*
myoneural junction, review of prevalent concepts of histochemistry of, [Coe] 948*
perfusion fixation, for electron microscopy, [Pysh] 936*
peripheral, neural and spinal components of disease; progress in application of "thermography," [Wright and Korr] 918*
peripheral, study in trophic mechanisms, [Korr, Wilkinson and Chornock] 935*
physiology, study in trophic mechanisms, [Korr, Wilkinson and Chornock] 935*
NERVOUS SYSTEM
See also Brain; Nerves; etc.
sympathetic, augmentor effect of innervation of heart, [Burchett] 1038*
sympathetic, cutaneous patterns of sympathetic activity in clinical abnormalities of musculoskeletal system, [Korr, Wright & Chace] 1191 (July)-R
sympathetic, distribution and function of cardiac, sympathetic nerves (use of P^{32}), [Burchett] 925*
sympathetic, neural factors underlying variations in electrical resistance of apparently nonsweating skin, [Thomas and Kawahata] 417-R
NEUROLOGY
See American Osteopathic Board of Neurology and Psychiatry; Nervous System; etc.
NEUROSES AND PSYCHONEUROSES
treatment, in clinic patients, [Button and Cole] 812*
NURSES AND NURSING
role in rehabilitation of child with rheumatic fever, [Dick and Grant] 305 (Oct.)-R
NUTRITION
simple clinical method developed to estimate body fat, [Steinkamp] 287 (April)-R

O

OBESITY
complications, familial exogenous, by nonfilarial scrotal elephantiasis; case history, [Finer] 620*
simple clinical method developed to estimate body fat, [Steinkamp] 287 (April)-R
OBSTETRICS
See American Osteopathic Board of Obstetrics and Gynecology; Anesthesia in gynecology and obstetrics; Labor; etc.
OLD AGE
age, biology and carcinoma, [Grigg] 1275-R
growing number of elders, 298 (Jan.)-R
positive view of aging asks much of education, [Dunn] 81-R
OPHTHALMOLOGY: See American Osteopathic Board of Ophthalmology and Otorhinolaryngology; Vision; etc.
ORINASE
therapy, multiple sclerosis; new approach to therapy, [DeVito] 252*
ORTHO-NOVUM 2 mg.
See Progestins
ORTHOPEDICS
See Bones; Fractures; under names of bones; etc.
OSTEOPATHY
See also American Osteopathic Association; Lesion; Technique, Osteopathic; etc.
achieving nation's health potential, [Christensen] 233*
medical reformation (Scott memorial lecture), [Northup] 787*
pioneering in new world (Andrew Taylor Still memorial lecture), [Evans] 622*
presidential acceptance address: Our twofold task, [Ward] 11*
OTORHINOLARYNGOLOGY
See American Osteopathic Board of Ophthalmology and Otorhinolaryngology
OVERWEIGHT
See Obesity
OVULATION
controlled rhythm (use of Ortho-Novum 2 mg.); preliminary report, [Matthews] 30*

P

PAIN
hemorrhoidectomy without pain, [Schwartz] 397*
PARALYSIS
observations of opposite side in cerebral arteriography, [Nelson] 1127*
PATELLA
vitallium patelloplasty in chondromalacia, [Coretti and Wiersma] 164*
PATHOLOGY
See American Osteopathic Board of Pathol-

ogy; under names of diseases and organs; etc.
PEDIATRICS
See American Osteopathic Board of Pediatrics; Children; Infants; under names of diseases; etc.
PELVIS
analysis of interactions among various asymmetric osseous pelvic and lumbar structures, [Thomas] 956*
musculoskeletal stress pattern; observations from over 50 years' clinical experience, [Dunnington] 366*
roentgenography, continuing study of rural school children over 15-year period; lumbosacral angle, [Hagen] 1163*
roentgenography, evaluation of; lateral projection, [Hagen] 1030*
spinal-pelvic adaptation in standing posture, [Ho and Izbicki] 941*
PENICILLIN
toxicity, unintentional intravascular injection of, [Popper] 300 (Oct.)-R
PEPTIC ULCER
statistical survey, [Szwed] 1258*
therapy, gastric hypothermia, [Del Marco] 36*
PERSONALITY
pilot study (of arthritis), [Gordon] 933*
PHAGOCYTES
macrophage tagging experiments; preliminary report, [Nusser and Glinter] 945*
PHARMACOLOGY
See also under names of drugs
biological relativity, [Martin] 1068*
PHOSPHORUS32
See Radioactivity
PHYSICAL MEDICINE
See American Osteopathic Board of Physical Medicine and Rehabilitation
PHYSICIANS
See also Medical Service; Osteopathy; etc.
achieving nation's health potential, [Christensen] 233*
education for modern health-service team, [Wells] 353*
medical profession and driver improvement, [Waller] 319 (Sept.)-R
relation to patients, current problems in medicare, [Roemer] 283 (Jan.)-R
relation to patient, responsibility in "hopeless cases," [Pertschuk and Heyman] 618*
statistics on, 1950-63, [Pennell] 189-R
PHYSIOLOGY
See also under names of organs; etc.
biological relativity, [Martin] 1068*
PIONEERING
in new world (Andrew Taylor Still memorial lecture), [Evans] 622*
PITOCIN
clinical experience with transbuccal Pitocin (in labor), [Chapman] 137*
PITRESSIN
effects, differential, of chlorpromazine and, upon water balance in albino rats, [Jacobson] 957*
PLANTS
contact dermatitis caused by, [Ulbrich] 1023*
PNEUMOCOCCI
neonatal meningitis; review of literature and case presentation, [Rutherford] 63*
POISONS AND POISONING
See also under names of poisons
addiction to drugs, [Lundy] 591*
problem of accidental, 329 (Sept.)-R
POLYPI
See Colon, polyps
POPULATION
American, growth in 1963, 330 (Nov.)-R
growing number of elders, 298 (Jan.)-R
our child-population, 325 (Nov.)-R
variation in world birth rate trends, 281 (June)-R
POSTURE
analysis of interactions among various asymmetric osseous pelvic and lumbar structures, [Thomas] 956*
continuing roentgenographic study of rural school children over 15-year period; lumbosacral angle, [Hagen] 1163*
spinal-pelvic adaptation in standing posture, [Ho and Izbicki] 941*
POTASSIUM
chloride, multiple sclerosis; new approach to therapy, [DeVito] 252*
PREGNANCY
See also Fetus; Labor; etc.
cigarette smoking and prematurity, [Goldstein, Goldberg, Frazier, and Davis] 541-R
drugs in, effect of diuretics administered during last trimester of; irritability of newborn infants, [Skillman] 712*
month of, relationship between amplitude of fetal QRS and, [Vandervort] 950, 1143*
roentgen study of soft tissues of, [Boudette] 596*
PREOPERATIVE CARE
See Surgery
PRESENTATION: See Labor
PRESIDENTIAL ACCEPTANCE ADDRESS
our twofold task, [Ward] 11*
PROCTOLOGY
See American Osteopathic Board of Proctology; Hemorrhoids; etc.

PRODUCT NEWS
Acutuss expectorant with codeine, 1185
Adaptic disposable mask and cap, 1270
Anavar, 413
AOI orthopedic instrumentation, 1269
Asbron Inlay-Tabs and elixir, 301
Aventyl HCl, 1086
Azo-Entusul, 535
BCG vaccine, 1189
Boplant surgibone, 1186
Closed drainage unit, 738
Curtis placentagron, 871
Cysto-SPAZ, 78
Davol products, 77, 1268
Dermoplast aerosol spray, 185
Dextrostix, 300
Disposable gastric feeding unit, 975
Dryvax package, 1187
Duad 10 mg., 634
Dyrenium, 416
Economy prep set, 303
Electro-warmth automatic bed warmer, 540
Fero-Grad-500 filmtab, 976
Furestrol vaginal suppositories, 304
Gentz wipes and Gentz jelly, 734
Glucola, 187
Hei-thermojet, 1188
Keflin, 736
Kenalog, IM, 631
Lincocin, 870
Lirugen, 867
Livitamin chewable tablets, 184
Mandelamine suspension forte, 633
Measles virus vaccine, live, attenuated, 973
Measles virus vaccine, live, attenuated, 1083
Merrell DAC system, 869
Monitube diagnostic medium, 972
Norpramin, 1190
Nysta-Cort and Nysta-Dome lotions, 183
Oleandomycin intramuscular, 735
Os-Cal-Mone, 1267
Osmitrol, 74
Parnate, 538
Pathotec, 872
Pediamycin, 971
Penbritin, 1085
Pregnosticon kit, 1088
Provest, 415, 1271
Quell modified Sippy dietay, 188
Redesigned disposable footprinter, 1084
Regroton, 73
Saran Wrap, protective bandage, 537
Similac 20, in nursing bottles, 414
Sitz-Et sitz bath kit, 186
Sterile incise drape, 974
Stoxil ophthalmic ointment, 635
Surjet, 412
Synalar solution, 302
Synthroid injection, 1081
Tetra-Solgen, 1272
Trind, 636
Uri-sedamine, 536
Urograph, 632
Uteracon, 411
Vacuetts, 733
Zactirin compound, 299

PROGESTINS
controlled rhythm (use of Ortho-Novum 2 mg.): preliminary report, [Matthews] 30*
PROMETHEUS
See Mythology
PROTEINS
See under Blood
PSYCHIATRY
See American Osteopathic Board of Neurology and Psychiatry; Schizophrenia; etc.
PSYCHOLOGY
meeting the needs of new mothers, [Auerbach] 250 (Aug.)-R
PSYCHOPHARMACOLOGY: See Brain; Pharmacology
PSYCHOSOMATIC MEDICINE
pilot study (of arthritis), [Gordon] 933*
role of osteopathic manipulative therapy in emotional disorders; physiologic hypothesis, [Bradford] 484*
PSYCHOTHERAPY
management of aggression in schizophrenia, [Honig] 1051*
PUBLIC HEALTH
legal aspects of air pollution control, [Kennedy] 251 (May)-R
numerical method in therapeutic medicine, [Shimkin] 305-R
résumé of work in air pollution control, [Maga] 247 (July)-R
role of law in, [Willcox] 275 (March)-R
state planning for radiation control, [Venable] 309 (Sept.)-R
statistics on physicians, 1950-63, [Pennell] 189-R

R

RADIATION
See also Radioactivity; Radiotherapy; Roentgen Rays; etc.
toxicity, state planning for control, [Venable] 312 (Sept.)-R
RADIOACTIVITY
absorbed radiation dose and excretion of cesium-131, [Himes] 724*
cesium-131 uptake and distribution in human heart; analysis of cardiac scans in 104 patients, [Himes, Worth, and Smith] 575*
distribution and function of cardiac sympathetic nerves (use of P^{32}), [Burchett] 925*
in vivo distribution of radioactive anticanine urokinase, [Vigorito, Celander, Miller, Green, Spoonholtz, Gatien and Celander] 955*
in vivo distribution of radioactive urokinase, [Celander, Vigorito, Gail, Gordon, Jacquo, Jr. and Celander] 947*
induced copper deficiency associated with accumulation of inorganic copper in tissues and brain, [Gaballah, Kapsalis and Sturdivant] 945*
new formula for prediction of normal blood volume, [Yurkon] 473*
place of radioisotope blood volume studies in clinical medicine, [Ogilvie] 457*
study in trophic mechanisms (use of P^{32}), [Korr, Wilkinson and Chornock] 935*
RADIOISOTOPES
See Radioactivity
RADIOLOGY
See American Osteopathic Board of Radiology; Radiotherapy; Roentgen Rays; etc.
RADIOTHERAPY
cervical cancer: 10-year statistical analysis, [Colvin] 1227*
of malignant lymphoma with special reference to place of lymphangiography in management, [Rosenbaum] 683*
REFLEXES
neural and spinal components of disease; progress in application of "thermography," [Wright and Korr] 918*
REGENERATION
effects of selected antihistaminic solutions on limb regeneration and growth, [Miroyiannis and Hunter] 929*
REHABILITATION
See also American Osteopathic Board of Physical Medicine and Rehabilitation
basic principles of fracture treatment, [Wright] 602*
nurse's role in, of child with rheumatic fever, [Dick and Grant] 305 (Oct.)-R
REREGISTRATION OF OSTEOPATHIC LICENSES
See State Boards
RESEARCH
design and evaluation of program, [Moreland] 948*

numerical method in therapeutic medicine, [Shimkin] 305-R
RESEARCH, OSTEOPATHIC
Current Research: Abstracts from the 1965 Research Conference, [Kelso], 917. Entries for this section, listed alphabetically by the author, follow:
Burchett, Gail: Distribution and function of the cardiac sympathetic nerves, 925
Celander, Evelyn, Vigorito, Thomas, Gail, Martha, Gordon, Gary A., Jacquo, Moses, Jr., and Celander, D. R.: In vivo distribution of radioactive urokinase, 947
Coe, John R.: A review of prevalent concepts of the histochemistry of the myoneural junction, 948
Cole, W. V. III: A comparative study of light and fluorescent microscopy in the histologic evaluation of motor end plates, 952
Gaballah, S., Kapsalis, A., and Sturdivant, D.: Induced copper deficiency associated with an accumulation of inorganic copper in tissues and brain, 945
Gordon, Richard: Pilot study, 933
Ho, Robert W. H., and Izbicki, Ronald: Spinal-pelvic adaptation in the standing posture, 941
Jacobson, Lawrence E.: Differential effects of chlorpromazine and pitressin upon water balance in albino rats, 957
Kelso, Albert F., Townsend, Alexandra, and Levine, Arthur: A correction factor for cardiac output determined by the RISA method, 941
Korr, I. M., Wilkinson, P. N., and Chornock, F. W.: A study in trophic mechanisms, 935
Miroyiannis, S. D., and Hunter, H. C.: Effects of selected antihistaminic solutions on limb regeneration and growth, 929
Moreland, J. L.: The design and evaluation of a research program, 948
Murphy, Alma J.: Preliminary studies of the influence of pulmonary and thoracic mobilization procedures on pulmonary function, 951
Nusser, Wilford L., and Glinter, Kenneth: Preliminary report on macrophage tagging experiments, 945
Pysh, Joseph J.: Perfusion fixation of neural tissue for electron microscopy, 936
Robb, Charles A.: Renal tubular influence of epinephrine in dogs, 950
Robinson, M. J., and Strachan, W. Fraser: The relationship of tooth occlusion and position of the head in space to malfunction of the temporal mandibular joint, 922
Thomas, P. E.: An analysis of the interactions among various asymmetric osseous pelvic and lumbar structures, 956
Vandervort, Paul G.: Relationship between the amplitude of the fetal QRS and the month of pregnancy, 950
Vigorito, Thomas, Celander, Evelyn, Miller, Arnold, Green, Arthur, Spoonholtz, Sandra, Gatien, Lionel, Celander, D. R.: In vivo distribution of radioactive anticanine urokinase, 955
White, James E.: Biomechanical analysis of traumatically induced cervical-occipital lesions, 938
Wright, H. M., and Korr, I. M.: Neural and spinal components of disease: Progress in the application of "thermography," 918
RESIDENCIES
See Hospitals
RESPIRATION
See also Asphyxia neonatorum; Lungs; etc.
function, preliminary studies of influence of pulmonary and thoracic mobilization procedures on, [Murphy] 951*
RHEUMATIC FEVER
in infants and children, nurse's role in rehabilitation, [Dick and Grant] 305 (Oct.)-R
RHUS TOXICODENDRON
contact dermatitis caused by, [Ulbrich] 1023*
RHYTHM
See also Menstruation; Ovulation
ROENTGEN RAYS
See also American Osteopathic Board of Radiology; Lymph Nodes; Spine, roentgenography; etc.
study of soft tissues of pregnancy, [Boudette] 596*
technic, new perspectives in diagnosis of acute abdomen, [Wilkins] 795*
technic, roentgenographic evaluation of lumbar spine and pelvis; lateral projection, [Hagen] 1030*

S

SALMONELLA
typhosa, treatment of chronic typhoid carriers by cholecystectomy, [Freitag] 316 (Oct.)-R
SARCOIDOSIS
primary, of stomach, [Silverman, Bonier, and Brown] 50*
SCHIZOPHRENIA
management of aggression in, [Honig] 1051*
SCHOLARSHIPS
osteopathic education, [Mills] 505*
SCIENCE
William Harvey, M.D.: Modern or ancient scientist?, [Ratner] 873-R
SCLEROSIS
See also Arteriosclerosis
multiple, new approach to therapy, [DeVito] 252*
SCOTT MEMORIAL LECTURE
osteopathic medicine; medical reformation, [Northup] 787*
SCROTUM
familial exogenous obesity complicated by nonfilarial scrotal elephantiasis; case history, [Finer] 620*
SEASONS
statistical survey of peptic ulcer, [Szwed] 1258*
SEX
large accident toll among men at the working ages, 274 (Aug.)-R
males more vulnerable sex, 291 (May)-R
statistical survey of peptic ulcer, [Szwed] 1258*
SKIN
See also Dermatitis; under names of skin diseases; etc.
neural factors underlying variations in electrical resistance of apparently nonsweating skin, [Thomas and Kawahata] 417-R
patterns of sympathetic activity in clinical abnormalities of musculoskeletal system, [Korr, Wright, and Chace] 1191 (July)-R
temperature, neural and spinal components of disease; progress in application of "thermography," [Wright and Korr] 918*
SMOKING
See Tobacco
SOCIAL SERVICE
meeting the needs of new mothers, [Auerbach] 250 (Aug.)-R
social factors in treating burned children, [Cowin] 256 (June)-R
SPECIALTIES
See also Advisory Board for Osteopathic Specialists under American Osteopathic Association; and under names of specialty boards and specialties
Boards of Certification, 817; standard constitution and bylaws, 823
presidential acceptance address: Our twofold task, [Ward] 11*
SPINE
See also Neck
analysis of interactions among various asymmetric osseous pelvic and lumbar structures [Thomas] 956*
roentgenography, continuing study of rural school children over 15-year period; lumbosacral angle, [Hagen] 1163*
roentgenography, evaluation of lumbar spine; lateral projection, [Hagen] 1030*
roentgenography, spinal-pelvic adaptation in standing posture, [Ho and Izbicki] 941*
SPLEEN
torsion and volvulus of stomach; case report, [Rappel] 125*
STATE BOARDS
examinations, 304 (Sept.), 263 (Oct.), 272 (Nov.), 260 (Dec.), 254 (Jan.), 244 (Feb.), 259 (March), 261 (April), 238 (May), 246 (June), 237 (July), 241 (Aug.)
reregistration for osteopathic licenses, 304 (Sept.), 288 (Oct.), 272 (Nov.), 263 (Dec.), 248 (Feb.), 271 (March), 282 (April), 242 (May), 248 (June), 240 (July), 246 (Aug.)
STATISTICS
See also Vital Statistics
numerical method in therapeutic medicine, [Shimkin] 305-R
on physicians, 1950-63, [Pennell] 189-R
STEROIDS
therapy, contact dermatitis caused by plants, [Ulbrich] 1023*
STILL, ANDREW TAYLOR
memorial lecture: Pioneering in new world, [Evans] 622*
STOMACH
diseases, primary sarcoidosis, [Silverman, Bonier and Brown] 50*
ulcer: See Peptic Ulcer
volvulus; case report, [Rappel] 125*
STUDENTS
See Colleges; Education; etc.
SUICIDE
identifying risk groups among attempted suicides, [Tuckman and Youngman] 309 (Sept.)-R
SURGERY
See also American Osteopathic Board of Surgery; and under names of organs, diseases, etc.
preoperative care: See also Anesthesia, premedication
preoperative care, hemorrhoidectomy without pain, [Schwartz] 397*
SWEATING
neural factors underlying variations in electrical resistance of apparently nonsweating skin, [Thomas and Kawahata] 417-R
SWEAT GLANDS
cutaneous patterns of sympathetic activity in clinical abnormalities of musculoskeletal system, [Korr, Wright, and Chace] 1191 (July)-R

T

TECHNIQUE, OSTEOPATHIC
musculoskeletal stress pattern; observations from over 50 years' clinical experience, [Dunnington] 366*
role in emotional disorders; physiologic hypothesis, [Bradford] 484*
TEETH
malocclusion, relationship of tooth occlusion and position of head in space to malfunction of temporal mandibular joint, [Robinson and Strachan] 922*
THERAPEUTICS
See also Drugs; Medicine; Osteopathy; Technic; Osteopathic; under names of drugs and diseases; etc.
numerical method in therapeutic medicine, [Shimkin] 305-R
THERMOGRAPH
See Skin, temperature
THORAX
See also Heart; Lungs; etc.
mobilization procedures, influence on pulmonary function; preliminary studies, [Murphy] 951*
TIBIA
fractures, major injuries in region of knee, with special reference to fractures of upper tibia and lower femur, [Wood] 958*
TISSUE
induced copper deficiency associated with accumulation of inorganic copper in tissues and brain, [Gaballah, Kapsalis and Sturdivant] 945*
TOBACCO
cigarette smoking and prematurity, [Goldstein, Goldberg, Frazier, and Davis] 541-R
TRAFFIC
medical profession and driver improvement, [Waller] 319 (Sept.)-R
TREMOR
irritability of newborn infants; effect of diuretics administered during last trimester of pregnancy, [Skillman] 712*
TUBERCULOSIS, PULMONARY
Wegener's granulomatosis mistaken for tuberculosis: case report, [Shelby] 1249*

TUMORS
See also Cancer; under names of organs; etc.
adenomatous polyps of colon, [Kani and Williams] 238*
analysis of 965 tumors seen in patients below age 15, [Canaday and Arends] 15; benign neoplasms, 149; 289*
lymphoma, malignant, radiation therapy with special reference to place of lymphangiography in, [Rosenbaum] 683*
TYBAMATE
treatment of emotional disturbances in clinic patients, [Button and Cole] 812*

U

UMBILICAL CORD
ligation, respiratory distress syndrome in relation to, [Tucek] 403*
URINE
cesium-131 excretion, absorbed radiation dose and, [Himes] 724*
enzymes, in vivo distribution of radioactive anticanine urokinase, [Vigorito, Celander, Miller, Green, Spoonholtz, Gatien and Celander] 955*
enzymes, in vivo distribution of radioactive urokinase, [Celander, Vigorito, Gail, Gordon, Jacquo, Jr., and Celander] 947*
UROKINASE
in vivo distribution of radioactive anticanine urokinase, [Vigorito, Celander, Miller, Green, Spoonholtz, Gatien and Celander] 955*
radioactive, in vivo distribution of, [Celander, Vigorito, Gail, Gordon, Jacquo, Jr. and Celander] 947*
UTERUS
See also Labor; Pregnancy; etc.
cervical cancer: ten-year statistical analysis, [Colvin] 1227*

V

VAGINA
cancer, diagnosis and treatment of primary epidermoid carcinoma, [Caleel and Sheets] 131*
VARICOSE VEINS
See Esophagus, varix
VIM-SILVERMAN NEEDLE
See Biopsy
VISION
field of, multiple sclerosis; new approach to therapy, [DeVito] 252*
VITAL STATISTICS
See also Population
birth rate, variation in world trends, 281 (June)-R
death rate, expected rise in motor vehicle fatalities at ages 15-24, 295 (May)-R
death rate, males more vulnerable sex, 291 (May)-R
death rate, perinatal mortality in United States, [Chenoweth] 372*
death rate, problem of accidental poisoning, 329 (Sept.)-R
death rate, progress in cancer control among women, 266 (July)-R
death rate, reduction in mortality from firearm accidents, 295 (Oct.)-R
morbidity, prevalence of chronic conditions, 324 (Nov.)-R
VITALLIUM
patelloplasty in chondromalacia, [Coretti and Wiersma] 164*
VOLVULUS
See Mesentery, volvulus; Stomach, volvulus

W

WATER
balance in albino rats, differential effects of chlorpromazine and pitressin upon, [Jacobson] 957*
pollution control, legislation on, [Stein] 254 (Feb.)-R
WEGENER'S GRANULOMATOSIS
See Granuloma
WHIPLASH INJURIES
See Neck
WOUNDS AND INJURIES
See also Burns; Fractures; Neck; etc.
work-time loss from injury, 250 (Feb.)-R

X

XANTHOMATOSIS
See Granuloma
X-RAYS
See Roentgen Rays

Y

YOU SHOULD KNOW
2b (Sept.), 114, 222, 342, 446, 564, 672, 774, 904, 1012, 1116, 1216